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# THE NATIONAL PROVISIONER.

The Organ of the Provision and Meat Industries of the United States.

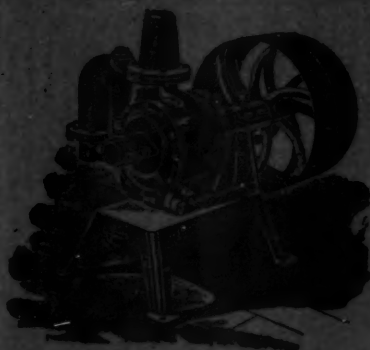
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NEW YORK AND CHICAGO, SATURDAY, NOVEMBER 27, 1897.

Subscription, \$4.00 Per Year.  
Single Copies, Ten Cents.



## TABER ROTARY PUMPS

SPECIALY ADAPTED TO PUMPING

Oils, Fats, Blood, Glue, Soap, Etc.

Put in on Positive Guarantee and  
long trial before paying.

PUMPS { HOT COLD THICK THIN } FLUIDS.

TABER PUMP CO., BUFFALO, N. Y.

Write for catalogue and price list.



ESTABLISHED 1857

## ROHE & BROTHER,

ESTABLISHED 1857

PORK AND BEEF PACKERS AND LARD REFINERS.



CURERS OF THE

CELEBRATED "REDAL" HAM, BREAKFAST BACON AND SHOULDER.

Manufacturers of the famous brand "PURITY" Lard.

Goods for Export and Home Trade in any desired package.

MAIN OFFICE: 284, 286, 288 WEST 33d STREET.

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PACKING HOUSES,

284, 286, 288 West 33d Street.  
582 to 542 West 38th Street.

584 to 540 West 37th Street.  
547 to 549 West 38th Street.

NEW YORK.

## Page's THIS WEEK'S Quotations on Calf Skins.

WEIGHT.	
17 and up	\$2.75
12 to 17 lbs.	2.25
9 " 12 "	1.80
7 " 9 "	1.52
5 " 7 "	.95
Under 5 "	.60

These quotations are for the cured or salted weights of choice, fine, trimmed Veal Skins, perfect on flesh and grain, taken off and cared for exactly in accordance with our printed directions (which we furnish Butchers free, postpaid, on application), and are for Skins shipped in to us clean and fresh.

We pay the freight if shipped in quantities of 200 lbs. or more, including other stock shipped to us at same time, after delivery at the Butcher's nearest station, if he will first write to us for shipping directions and refer to this offer, and say that he saw it in THE NATIONAL PROVISIONER. Address

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Carefully cleaned.

Quality the best.

HIGHEST PRICES  
PAID FOR

## Hides, Horsehides, Tallow, Etc.

CALFSKINS

SHEEP AND LAMB SKINS, PELTS.

A SPECIALTY.

## JOSEPH HABERMAN,

CONSIGNMENTS SOLICITED.

623 to 627 West 40th Street, NEW YORK CITY.

H. F. Stierke & Co. Chemists. See page 24.

Fischer Mills Pure Spices  
ARE THE BEST AND CHEAPEST.  
303, 305 & 307 GREENWICH ST.,  
NEW YORK.

# REMINGTON MACHINE COMPANY

WILMINGTON, DELAWARE.

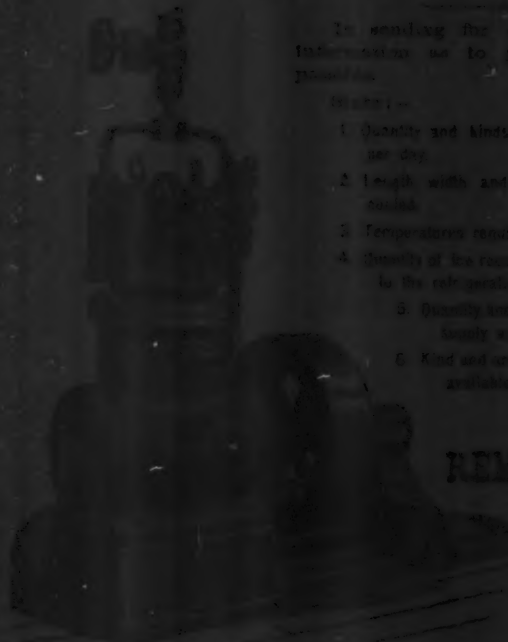
BUILDERS OF REFRIGERATING AND ICE MAKING MACHINERY  
FROM 1/2 TO 50 TONS CAPACITY.

Specialties of SMALL MACHINES, and have the MOST SUPERIOR SYSTEM of MECHANICAL REFRIGERATION for Dairies, Butcher Houses, Hotels, Restaurant, etc., and also a complete system of REFRIGERATION for the HOME. The REMINGTON PATENT AMMONIA COMPRESSORS are built either with DIRECT or BELT POWER, and are the most efficient and durable machines yet designed for this purpose. No oil is required for their operation.

In sending the estimate give us full information as to your requirements as possible.

State:

1. Quantity and kind of produce or goods handled per day.
2. Length, width and height of the rooms to be cooled.
3. Temperatures required in each room.
4. Quantity of ice required per 24 hours in addition to the refrigeration.
5. Quantity and summer temperature of water supply available.
6. Kind and amount of power already in place available to drive compressors.



REMINGTON MODEL J. SYSTEM REFRIGERATOR.

J. F. SEHN.

REMINGTON  
MACHINE CO.,  
WILMINGTON, DEL.

BAKER & HAMILTON,  
San Francisco, Cal.  
Sole Pacific Coast Agents.



REMINGTON DIRECT CURRENT COMPRESSOR.

CARL SEHN.

## THE BUFFALO REFRIGERATING MACHINE CO.

CONTRACTS TAKEN FOR  
ARTIFICIAL ICE, REFRIGERATING AND COLD STORAGE PLANTS.

General Offices: 28 and 29 City Bank Building, 319 Main Street, Buffalo, N. Y.

New York Office: 310 Broadway.

St. Louis Office: 1011 First, Room 1.

Philadelphia Office: 435 CHESTNUT ST.

Manufacturers of Refrigerating Machines and Plants of any desired capacity for the cooling of Packing Houses, Restaurants, Cold Storage Warehouses, Breweries, Dairies, Confectioneries, etc.

See for the MANUFACTURING of ARTIFICIAL ICE by the CAN SYSTEM and by their NEW IMPROVED DIRECT AMMONIA PLATE SYSTEM.

We Make a Specialty of COLD STORAGE AND REFRIGERATION  
FOR BUTCHERS AND PACKERS.

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HAMMOND, IND. AND SOUTH OMAHA, NEB.

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## DRESSED BEEF, SHEEP AND HOGS

MAKERS OF "CALUMET" BUTTERINE ESPECIALLY ADAPTED FOR SUMMER USE.

COIN SPECIAL BRANDS OF  
BEEF EXTRACT, CANNED MEATS,  
HAMS AND BACON, LARD, Etc., Etc.  
HAVE NEVER BEEN EXCELLED.

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TRY OUR LARD SUBSTITUTE, "COOKENE."

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MANUFACTURERS OF

Cottonseed Oil Mill  
AND Linseed Oil Mill

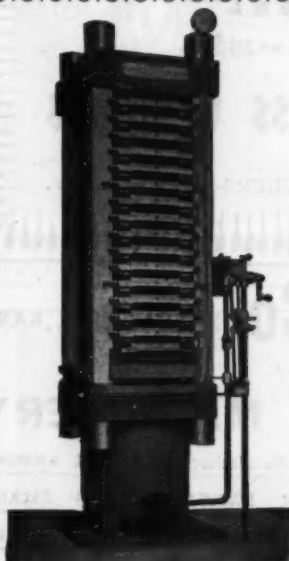
### MACHINERY

OF ALL KINDS.

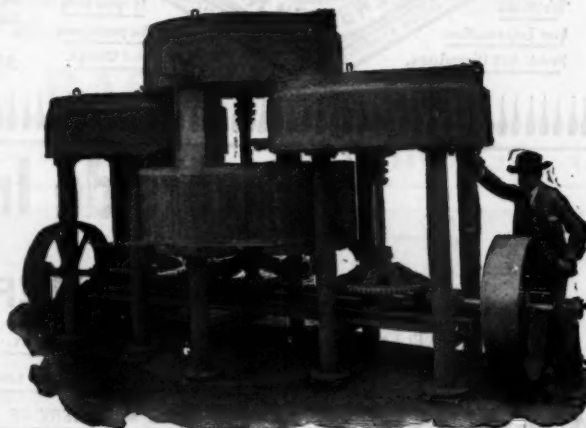
Rolls, Pumps, Molds,

The Most Perfect System  
of Pressure Application.

The Very Latest Improvements  
and the Very Best.



THE BUCKEYE HYDRAULIC PRESS.

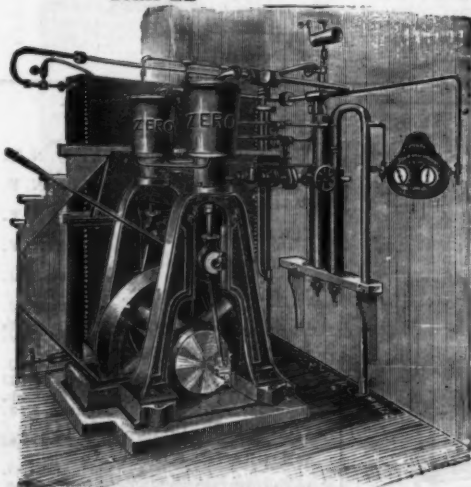


SET OF 60-TON COOKERS FOR COTTONSEED OIL MILLS.

**ZERO**  
SIMPLE

Factory: DERBY, CONN.  
Refrigerating and Ice Machines for all purposes, of the most  
Improved kind from one-half to 25 ton capacity.

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COMPACT



Style of a 4 to 20 ton machine.

**ZERO**  
STRONG

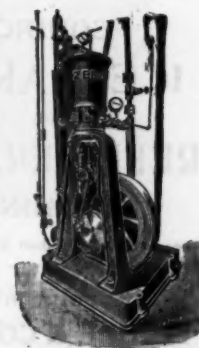
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Style of a 1/4 to 4-ton machine.

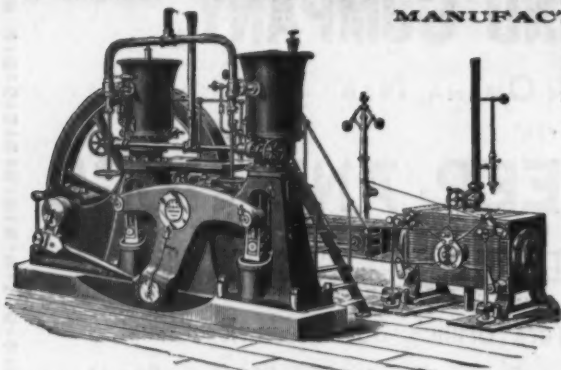
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ECONOMICAL



# THE EDW. P. ALLIS COMPANY,

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Correspondence Solicited.



## Hercules and Reliance

## Refrigerating Machinery.

FOR PACKING HOUSES, MEAT MARKETS, PROVISION STORES, Etc., Etc.  
Machines of Any Desired Capacity from 1 Ton to 500 Tons.  
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Do you want the best  
Machine made?  
We have it!



Meets Competition  
in Quality  
and Price.

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for Information  
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If you wish  
to lead the profession  
Give us your Order.

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Machines—One  
to 500 Tons  
Capacity.

## Ice Machines

and

## Corliss Engines

WRITE FOR PRICES  
AND 64-PAGE  
BOOKLET.

SMALL MACHINES FOR BUTCHERS A SPECIALTY.

## The Riverside Iron Works Co. KANSAS CITY, KAN.

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## ICE AND REFRIGERATING MACHINERY

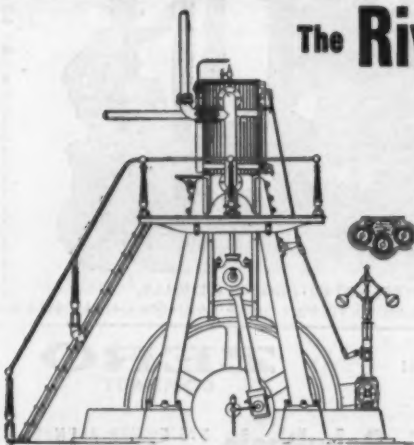
of any Size or Capacity, on the Compression Principle, also Manufacturers of SPECIAL AMMONIA

FITTINGS which are superior to anything now on the market. MANUFACTURERS OF PACKING

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Kansas City Ice and Cold Storage Co., Kansas City	70-ton
Reid Bros. Packing Co., Kansas City, Kan.	70-ton
Omaha Brewing Association, Omaha, Nebraska	75-ton
Kansas City Ice and Cold Storage Co., Kansas City, Mo.	100-ton
Kansas City Ice and Cold Storage Co., Kansas City, Mo.	250-ton
Ryan & Richardson, Leavenworth, Kan.	100-ton
Jacob Dold Packing Co., Buffalo, N. Y.	50-ton
Jacob Dold Packing Co., Kansas City, Mo.	70-ton



100 Ton Refrigeration Machine.

We contract for the EQUIPMENT  
OF COMPLETE PLANTS,  
either for Ice Making Cold Stor-  
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eries.

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Simplest. Best. Lowest Price.

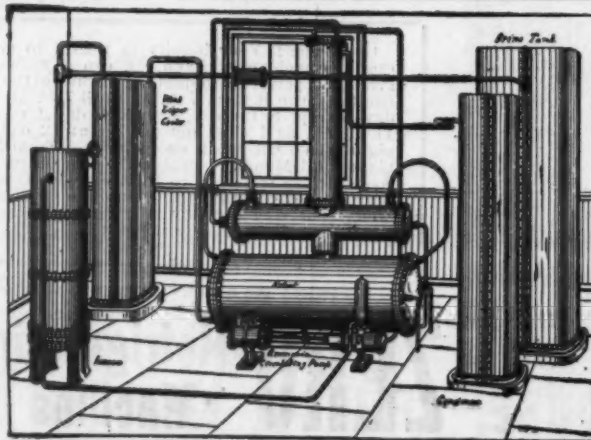
## CONDICT ICE-MAKING OR REFRIGERATING MACHINE.

Uses Less Fuel, Than Any .....  
Uses Less Water, ..... Other System

BUILT BY  
**STEELE & CONDUCT,**  
JERSEY CITY, N. J.

CORRESPONDENCE

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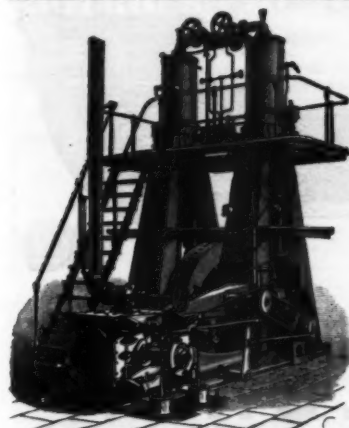


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### REFERENCE LIST.

KANENBLEY BROS., Provisions,  
New York City, N. Y.  
THE NEW YORK HISCUTT CO.,  
Cracker Mfg., New York City, N. Y.  
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New York, N. Y.  
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New York, N. Y.  
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JAMES McILHINNEY, Provisions,  
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FIDELITY WAREHOUSE & COLD  
STORAGE CO., General Cold Storage,  
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PETERSBURG CRYSTAL ICE CO.,  
Mfg. Ice, Petersburg, Va.  
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Springfield, O.  
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ESTABLISHED 1853.  
INCORPORATED 1885.

Capital, - \$1,000,000.

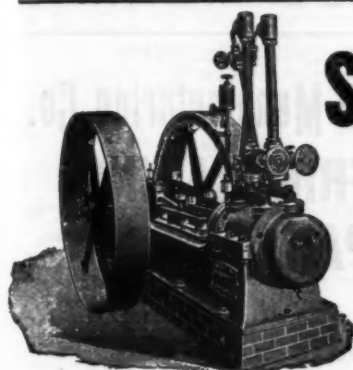
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A. O. FRICK, Vice-President.  
H. B. STRICKLER, Treasurer.  
EZRA FRICK, Gen'l Man. & Sec.  
A. H. HUTCHINSON, Manager Ice  
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**Corliss Steam Engines. Ice Making Machinery.**

**High Speed Engines. Steam Boilers.**

**Frick Company, WAYNESBORO,  
ENGINEERS. FRANKLIN COUNTY, PA.**



## THE BEST AND CHEAPEST SMALL ICE AND REFRIGERATING MACHINES

EVER CONSTRUCTED for  
Meat Markets, Packing Houses and Cold Storage Plants.

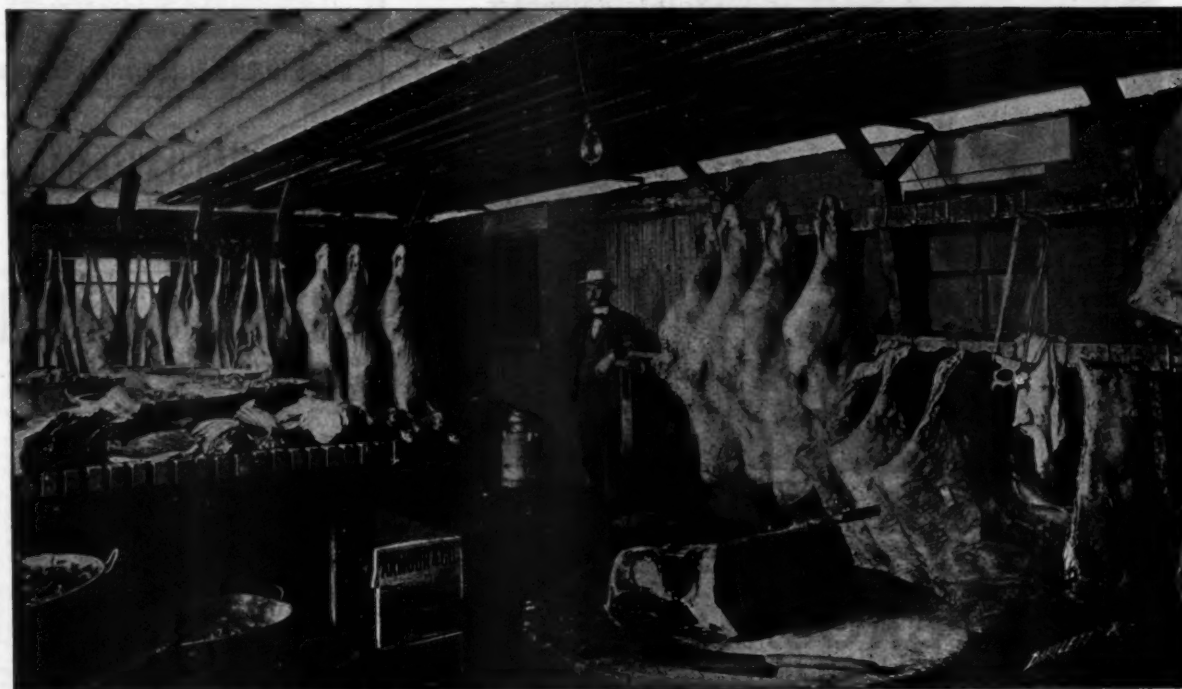
Over 300 in Successful Operation. Requires No Engineer.

OUR GUARANTEE IS GOOD.

**A. H. BARBER & CO.**

WHY NOT WRITE US FOR CATALOG?

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THE MEAT ROOM OF THE COOK COUNTY HOSPITAL, CHICAGO, ILL., IS SHOWN ABOVE.

A few years after this plant was started a new and superior outfit of refrigerating machinery, which will be shown in this space next week, was installed by

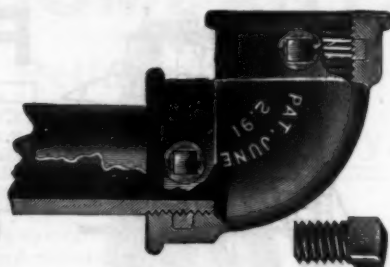
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BOSTON, 53 State Street.

ENGINEERS.

PITTSBURG, Westinghouse Building.  
CHICAGO, 171 La Salle Street.

# TIGHT JOINT MALLEABLE IRON AMMONIA FITTINGS



For ICE & REFRIGERATING MACHINES

## NEVER LEAK.

TIGHT JOINT CO., 181-183 BANK ST., N. Y.

## SMALL ICE AND REFRIGERATING MACHINES

AT MODERATE PRICES.

The Simplest, Strongest, Most Efficient, Requires Less Attention.

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**Stilwell-Bierce & Smith-Vaile Co.,**  
DAYTON, OHIO.

WE CLAIM THE FOLLOWING MERITS FOR

## JENKINS BROS.' VALVES



1. Manufactured of the Best Steam Metal.
2. No regrinding, therefore no constantly wearing out the Seat of the Valves.
3. Contain JENKINS' DISC, which is suitable for all Pressures of Steam, Oil or Acids.
4. The Easiest Repaired, and all parts Interchangeable.
5. Every Valve Tested before leaving the factory.
6. ALL GENUINE stamped with trade mark.

**JENKINS BROTHERS,** NEW YORK, PHILADELPHIA.  
CHICAGO, BOSTON.

**WANT AND FOR SALE ADS CAN BE  
FOUND ON PAGE 45.**

THE....

**Hill Manufacturing Co.**

## REFRIGERATING APPARATUS.

**NO MOTIVE POWER.  
NO SKILLED LABOR.**

Have on Hand for Immediate Delivery  
Continuous System 1, 2 and 4 Tons Capacity.  
Intermittent System, 125, 350, 500  
and 1,000 Pounds Capacity.

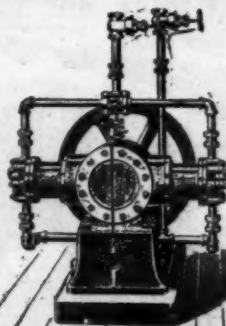
Orders for Other Sizes Promptly Executed.

ADDRESS

**THE HILL MANUFACTURING CO.,**  
811, 813, 815 Fairmount Ave.,  
PHILADELPHIA, PA.

## WESTERLIN & CAMPBELL,

SMALL REFRIGERATING MACHINES  
A SPECIALTY



For COLD STORAGE, CREAMERIES,  
MEAT MARKETS, Etc.

**Consulting Engineers & Contractors**

FOR ICE MAKING AND REFRIGERATING  
MACHINERY.

26 West Lake Street, CHICAGO, ILL.

Anhydrous Ammonia and Ammonia Fittings.

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PROMPTLY FURNISHED.



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<b>Steel and Iron Works.</b>	—
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<b>Thermometers.</b> —A. Weiskopf	—
<b>Track Work.</b> —Duncan, J., & Co.	—
Robish, F. J.	—
Moyer, J. W.	—
New Jersey Foundry & Machine Co.	—
<b>Trucks and Wheelbarrows.</b> —Lansing Wheelbarrow Co.	—
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<b>Valves.</b> —Jenkins Bros.	—
<b>Weighing Machines.</b> —Pratt & Whitney Co.	—
<b>Washing Powder.</b> —Armour Soap Works	—
<b>Wheat and Flour Sale Ads.</b>	—



# ARMOUR & CO., PACKERS, CHICAGO.

In addition to all usual products of HOGS and CATTLE, including our unrivaled STAR HAMS and BACON, we manufacture

**GLUE, CURLED HAIR,**

**BREWERS' ISINGLASS,**

**PURE ANHYDROUS AMMONIA.**

The Superiority of Our Goods is Well Known.

**THE LINDE ICE AND REFRIGERATING MACHINE.**

There are at this time over 3,000 Linde Machines in operation, of which 500 are in Packing Houses in every country on the globe. Our catalogues and lists of users will convince you of its superiority over other makes of ice and Refrigerating Machines.

Specialty—AMMONIA FITTINGS.



225-TON LINDE REFRIGERATING MACHINE.

**THE FRED. W. WOLF CO.**

General Offices and Factory, 139-143 Rees St., Foot of Dayton St., CHICAGO, U. S. A.

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E. P. MADDOX,  
FORT WORTH, TEXAS

WESTERN BRANCH,  
CLOT & MEESE, 187 FREMONT ST.,  
SAN FRANCISCO, CAL.

—OUR REFERENCES—

Swift and Company, Chicago, Ill.  
Swift and Company, South Omaha, Neb.  
Swift and Company, Kansas City, Mo.  
G. H. Hammond Company, Hammond, Ind.  
G. H. Hammond, South Omaha, Neb.  
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Among the questions to be dealt with by Congress is that in relation to postal savings banks, public sentiment in favor of which has been strongly expressed. Postmaster General Gary is an able advocate of this system of encouraging thrift, making the subject the leading feature of his annual report, in which he presents such a wealth of fact and argument as must command the thoughtful consideration of our statesmen. He says: "In my judgment, the establishment of postal savings depositories would tend to better citizenship. The successful operation of a postal savings deposit system would bring into closer relationship the government and its citizens and result in the development of practical and enduring patriotism."

## OUR GERMAN AND FOREIGN TRADE.

Whatever may have been the anticipated benefits to be derived from Germany's tariff on American meats, it is certain that the continued enforcement of the law is working a much-felt hardship to no inconsiderable portion of the inhabitants of that country. To such an extent are the import prohibitions disastrously experienced that the German papers are protesting against their further enforcement, and the Berlin Boersen Courier is authority for the statement that the country is approaching famine conditions. That paper says victuals have risen in price to such an extent that sustenance of whole strata of the population is in doubt, meat having become for the laboring classes an article of luxury hardly attainable. The poor crops throughout Germany have driven the price of cereals to such heights that not only the industrial population and the dwellers in cities, but even the rustic population, excepting that part of it belonging to the suffering agrarians, are threatened in their existence. The Courier states that a moment is approaching when the government will be compelled to throw open again those avenues of trade which are now artificially clogged.

Germany is alarmed. Her exports to the United States are very perceptibly dwindling. In many lines of manufactures America has been her best customer, and yet in a single year the average loss over all the empire has apparently reached the stupendous sum of \$7,299,302, a diminution of nearly 50 per cent. In the September quarter of 1896 seventeen consular districts of the country sent to the United States goods amounting in value to \$14,488,414. In the same quarter this year, 1897, the same districts sent goods to the value of only \$7,189,112, representing a drop of \$7,299,302, as noted above. In many cases this necessarily indicates much more than a mere money loss to German revenues, and the German papers are urging that intelligent effort be directed toward maintaining the trade of the United States.

To a large foreign trade with other countries, as well as Germany, we are justly entitled, since we produce meats of superior quality more cheaply than any other nation can put them on the world's market, owing to the cheapness of our grains and grasses. Our State experiment stations are continually giving our feeders valuable information as to the best methods of furnishing such nutritive elements to stock as will produce most economically the best results in meat. Our Department of Agriculture inspects live animals and dressed meats for export and certifies to their freedom of disease, supervises their condition through agents in foreign markets, and is the advocate of exporters where discriminations are laid upon the movement of live stock and meats in foreign countries. Producers are helped to find markets for surplus productions through the Department, which obtains and disseminates information concerning foreign markets and their requirements. Under these conditions, why should not the markets of the world be ours?

Apropos of the above, in speaking of the dread of American competition, the Journal of Commerce and Commercial Bulletin remarks that "it is all very well for the Austrian foreign minister to appeal to Europe to band together against the terrible competition of the United States, but what are they going to do about it? This is not a very good year to propose in Europe the exclusion of food from America. What would be the prices of bread and meat in Vienna if Europe succeeded in erecting a substantial barrier against trade with the United States? Hungary would not object to famine prices for flour, but Austria has to import food stuffs,

as well as Germany and France and England, though of course not in the ratio of the last named. European nations might conceivably form themselves into Zollverein, but that would seriously affect their revenues and it would not save their foreign trade. They might raise their tariffs against each other as well as against us, and so guard their home markets more rigidly and save their revenues, but it would only hasten the loss of their foreign trade to us, and all of them are dependent now upon their foreign trade, which they cannot protect from us. The truth of this matter is, we apprehend, that Count Goluchowski has come to a better comprehension of the prospects of American competition than other European statesmen have reached. To intelligent and candid observers it has been long enough apparent that the United States have reached a point at which they must become far more important competitors for the world's commerce than they have hitherto been. Our development has attained a stage at which the national production must run upon manufactures in a much larger ratio than heretofore. With the most modern machinery, the best trained labor, the cheapest transportation, an ever increasing supply of capital seeking employment, and raw materials of every kind in abundance at our doors—we have entered upon conditions of cheapness in production or the leading staples which are beginning to surpass those of the great commercial nations. The point has been passed at which tariffs can materially regulate domestic prices; we must perforce of our constantly increasing productive capacity, go on augmenting our output of goods beyond the limits of home consumption, and values must accommodate themselves to supply. This is our new status; this is our manifest destiny, and it means a cheapness that will open to us the markets of the world. Count Goluchowski has evidently caught a glimpse of this new drift of transatlantic commerce and foresees its outcome in transforming the United States from a customer into a competitor. At the same time, he is not unaware of the fiscal burdens attendant on the military policies of the European governments of the simpler methods of this republic; and it is not surprising if his dreams trouble him. The vision of a great competition between the two continents is not a pleasant subject to brood upon. The Count will probably end by peacefully accepting the inevitable.

## APPROACHING SESSION OF CONGRESS.

Looking backward to the achievements of Congress during its last sessions our business men are not inclined to feel any very marked degree of confidence as to the results beneficial to trade that will be accomplished during the approaching session of that body. Whatever may be done, it is the generally expressed hope that every possible precaution will be taken toward the elimination of trade-distributing legislative action or inaction, thus doing away with the present feeling of uneasiness which seriously affects the transaction of business.

Rest, more than any other one thing, is needed to awaken business into vital activity, and that our statesmen should at least make a strong effort to secure it comes in the shape of a very pressing demand.

## INCREASED CONSUMPTION OF MEAT.

An elaborate array of statistics has been prepared by Sir Robert Giffin in confirmation of the view that the increased consumption of meat is decreasing the consumption of wheat. He has found that, while there is far less land under cultivation for the production of cereals than there was 20 years ago, there



has been a very marked increase in the consumption of meats, saying the reduction in the value of wheat must be ascribed to a diminution of demand. While this may possibly be true, it is certain that decreased cost of production, speaking especially of American meats, as well as increased purchasing power of the masses, have been prime factors in increasing the consumption of meat. The living of the laboring classes is undoubtedly better to-day than it was 20 or 30 years ago, and the consumption of meat has increased as a natural consequence. Belgian statistics show not only that in 30 years the consumption of meat has increased three-fold among the working classes, but the workingman eats 117 pounds of bread more annually than he did 30 years ago. Thirty years ago rye bread constituted 31 per cent. of the bread total, and a mixture of rye and wheat constituted 22 per cent. more, the wheat bread being only 51 per cent. of the total; now the rye loaf has been almost entirely displaced by the loaf of wheat bread.

### THE QUESTION OF APPEARANCES.

In the business as well as in the social world, says the National Stockman and Farmer, appearances count for much. It is possible that they count for too much sometimes and that real merit is passed by for something less worthy that makes a better show. But this is "the way of the world," and as we cannot change it we should take advantage of it. In all kinds of marketable produce appearance counts for dollars and cents. These things are well understood. To a certain extent a man's appearance determines his standing with those who have no other way of judging him. The man who "don't care how he looks" is unquestionably at some disadvantage in any part of the business world where he is not well known, and at a serious disadvantage in society. Many men are needlessly careless in their personal appearance, and such should realize that it is liable to count against them in business and society, where one's position is of the greatest importance. There is no need of extravagance, or any attempt to keep up with the styles; but there is need of greater attention to this important subject of appearance on the part of many people.

To be patient under trying circumstances strengthens and develops character most remarkably. To be sure there are times when patience ceases to be a virtue, as there are those who call for forgiveness even more than the seventy times seven.

Commerce is a teacher and a pacificator. It gives mankind knowledge of one another. Reciprocity of trade promotes reciprocity of friendship. Good trade insures good will. The heart as well as the mind contributes directly to the progress of mankind, and wherever we secure just and fair commercial relations with other nations we are sure to have friendly political relations with them.

## PROVISIONS AND LARD. WEEKLY REVIEW.

All articles under this head are quoted by the lb., except lard, which is quoted by the cwt., in tcs., pork and beef by the bbl. or tierce, and hogs by the cwt.

### FEEBLE FLUCTUATIONS — DULL SPECULATION—GOOD CASH BUSINESS.

With the broken business week in the Thanksgiving holiday, there has been an even fewer line of features. Intensified dullness over speculation has characterized any development, and while there have been good cash demands for the products generally, they have missed marked influence in the slowness of the interest to take hold of the options or speculative account, and the fact that the packers continue materially arranged on a not too firm market for the products, while the hog supplies are of their present large proportions. Holiday or no holiday, it would make very little difference with the amount of business that could be done in a speculative way in the products. The sentiment of outsiders is against taking hold, and these people are not likely to be brought into the market extensively this side of the new year at least. It is true that the changes in prices at any time are small, and when there are slight concessions the next day can usually be depended upon to bring about at least a partial recovery, and that the losses from the old position from week to week are somewhat unimportant, yet the situation drags and is in a speculative way altogether dull and spiritless. The packers do not have to make much of an effort, if an effort they make at all, to keep affairs easy, while the hogs are coming in freely. But they would probably be more exercised that way if there was necessity from the shaping of demands, as hogs being out of proportion in prices to the products, there is an absolute necessity of keeping the views of their shippers quieted to more reasonable views. But packers are letting out a little of the December and January options of the products, and sufficient to satisfy the current light demands for those months on speculation, while not crowding the market to bring about material dullness. It would not require more than a little added pressure to the offerings of either of those months to bring about more important concessions in prices. The feeling, however, among the packers is to keep the product fairly steady, if it is possible at the same time to get the hogs in at a proper basis. There had not

been so much of a pressure of receipts of hogs as through a fortnight previously, until within this week, but the supplies had, nevertheless been liberal and expectations are that they will continue so, while they have enlarged liberally this week, that any slightly modified shipments forward that had been made the previous week, as compared with the extraordinary movements just before that time had been only as a temporary check from the slight yielding of prices for the swine at times then. There had been days latterly when slight reactions in prices to a steadier basis for the hogs have resulted from the receipts falling a little under the estimates made twenty-four hours previously, and the close absorption of the offerings by the packers, but there was not any prospect of hogs doing permanently better than then, while any held back supplies coming forward in a rush would have thrown them to lower values. The larger supplies this week have brought about just such reactions. The packers feel that there is no use urging dealings in the options of the products, and are contented with their good cash trading, while waiting for larger and more general interest with the turn of the year. There is little hope of any material improvement until the winter packing season is much further along, when the packers and outsiders are likely to feel that more interest will be directed to the marketing of the products than in getting in the hogs. The sentiment that had existed for a long time in the trade on every yielding of prices of the products, that they were low enough and that reactions could be looked for, is now giving way to the expression that it looks as though the "markets would sag," and that "we don't see anything in the list yet for a turn." It is usually the case that when there are general opinions of the future course of a market that the results are the other way, but just at present the interest on the short side is not sufficiently extensive to indicate that any marked squeezing will be done, and it is hardly likely that the next two months will offer radical features that way. We do not look for more than ordinary small changes in prices meanwhile, and regard the probabilities more in this way, that light scalping operations only are likely, and that through them the market will at times be a little stronger, and that current prices are essentially bottom, although concessions will be in order followed by reactions. Essentially then, that there is a likelihood of the markets drifting as for several weeks, with no marked loss of prices but a slight letting up from time to time, although it is

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(SEE PAGES 12, 27 AND 45 ALSO.)

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without question that the speculation is of a more restricted character, and that there is at times hardly enough doing that way to bring out a decided line of prices for the entire list.

There is hardly as much doing in the way of export movements as latterly, although the shipments are to a very fair extent, but the home distributions have been larger, and on the whole the outlets for the productions are ahead of those of last year at this time, and may be generally regarded as of encouraging volume, while it looks as though a further inroad was being made upon the held supplies, notwithstanding the enormous packing. It is this fact of a larger consumption than last year here and in Europe and the keeping down or reducing stocks in this country that would prove of great help in strengthening prices when speculation can be started. The Chicago shipments last week were fully 19,969,267 lb meats, against 17,226,515 lb corresponding week last year, and 11,998,836 lb lard, against 8,332,789 lb last year, while of pork, 3,215 bbls. and 7,098 bbls. respectively. The exports from the Atlantic ports last week, 5,623 bbls. pork, 9,300,803 lb lard and 15,822,828 lb meats, against corresponding week last year, 5,900 bbls. pork, 12,745,122 lb lard and 16,963,820 lb meats. The Continent markets have been rather fair buyers this week, and the United Kingdom has shown some interest in lard, but more in meats. The temper of shippers all around is to buy steadily, but not for extensive accumulations, but rather with the feeling that while prices may not be materially lower, they are not likely in the near future to shape against them, and that they have ample time to get in before any material turn of the situation against them is probable. In Germany it is well understood now that its feeding crops, as concerns potatoes especially, have not been so much against them as was supposed probable early in the season; the potato supply there is well up to the quantity usually produced; however it has lost in quality.

The lard refiners in New York are getting a moderate number of orders from the other side, but do not find much vitality to demands. The business otherwise here is fair, and the city cutters are marketing meats rather promptly to their supplies, more especially bellies and shoulders, while getting firm prices. There is most difficulty in selling pickled hams here, although the West is finding its distributions of hams liberal and satisfactory.

In beef, the reduced prices that have been made latterly fail to bring out more than moderate buying interest on English account, but packers here look upon current prices as low and barely permitted by the cost of cattle, and they await more liberal export demands with confidence. The city extra India mess, in tierces, has been offered at \$15 for

choice, although there are some brands that could not be had under \$15.50@16; the lower grades run down to \$13@14. There has been more done in barreled beef in the way of distributions, and at fairly steady prices; mess at \$8@8.25, packet at \$8.75@9.50, family at \$10.25@11.25. For beef hams, sales of car lots are still difficult, although packers are submitting to a low price; \$22 is quoted here for large lots.

The features of the markets for hog products on the several days since our previous report are as follows: On last Saturday there was weakness at the opening, and the tone favored buyers up to the close. There was hardly important trading and little of importance coming out. The large shipments of lard and meats, which were then reported, lost influence in the dull speculation. The few outside holders were tired and were selling. The hog receipts at Chicago for Monday were estimated as 45,000 head, and for all the week 190,000 head. On Monday the receipts of hogs at Chicago were 38,000 head, or 7,000 less than had been expected, while for the West throughout they were 67,000 head, against same day last year, 39,100 head all around, including 21,000 head at Chicago. Prices for that day were 2½¢ higher. The lighter receipts than had been looked for stimulated buying of the products a little, and brought about early an advance of 2 points, while the close showed a gain for the day of 7 on pork and 2 points on lard and ribs. After the little rush of demand the market settled again into dullness. Except as the inquiry was to cover a few contracts there was a lull over affairs, with the outside sentiment almost at a standstill. Cudahy, Lunham and Hatley were buying January, especially of lard, and there was no marked urgency in offerings otherwise among the packers. On Tuesday there were the largest receipts of hogs yet, or fully 101,000 head, as covering all points West, including 40,000 head at Chicago, while there was expected for Wednesday at Chicago 43,000 head. Last year, corresponding day, the receipts were only 42,400 head, including 17,900 at Chicago. With the enormous supplies of hogs the opening on the products was 2¢ lower, while the close showed 5¢@10 decline on pork and 5 points on lard and ribs. The packers became free sellers, but found the buying interest very slack. Swift, the Chicago Packing Co. and Cudahy were all sellers, and it was clear that the sudden rush forward of the large supplies of hogs had forced the packers to an attempt at freer unloading of the products. On Wednesday the receipts of hogs were again enormous, or fully 98,000 head, of which 42,000 head at Chicago, while 33,000 head were estimated at Chicago for to-morrow. Last year, same day, receipts 61,700 head, of which 29,400 head at Chicago. Trading was slow in them with prices generally lower. The products held up very well on that day, opening steady to 2 points lower, while closing practically as the night before, and partly 2 higher on pork, although trading was very dull. Swift was selling December lard, and there was a little stuff coming out from the commission houses.

The range of prices for the products has been as follows: On Saturday, at Chicago, pork: November closed at 7.20 nominal; December opened at 7.27, sold down to and closed at 7.20; January opened at 8.22, sold down to and closed at 8.17; May opened at 8.50, and closed at 8.42 asked. Lard: November closed at 4.10@4.12; December opened at 4.12, closed at 4.10@4.12; January opened at 4.25 bid, and 4.27 asked, was down to 4.22, closed at 4.22 bid; May opened at 4.42@4.45, eased to 4.40, closed at 4.40 bid. Ribs: November closed at 4.17 nominal; December closed at 4.17; January opened at 4.22, sold down to 4.17, closed at 4.20 asked;

May opened at 4.35, declined to 4.30, closed at 4.30. In New York, Western steam lard on the spot sold at 4.45 for 250 tcs., and 80 tcs. city at 4.25. Monday, at Chicago: Pork: December opened at 7.22, was up to 7.30 bid, down to 7.25, closed at 7.27 asked; January opened at 8.20, sold to 8.25, down to 8.22, closed at 8.22; May opened at 8.42, was up to 8.45, down to 8.42, closed at 8.42. Lard: November closed 4.12 nominal; December opened at 4.12, was 4.15 bid, down to 4.12, closed 4.12 bid; January opened at 4.25, advanced to 4.30, down to 4.25 asked, closed at 4.25@4.27; May opened at 4.42, sold at 4.40, up to 4.45, closed at 4.42 asked. Ribs: November closed at 4.20 nominal; December opened at 4.20, was at 4.22, closed at 4.20 bid; January opened at 4.20, sold at 4.22, closed at 4.20@4.22; May opened at 4.32, sold to 4.37, back to 4.32, closed at 4.32 bid. In New York cash Western steam at 4.47 nominal; city steam at 4.20 bid and 4.25 asked; refined at 4.75 for Continent, 5.15 for South America and 6.25 for ditto, kegs. Pork in job lots was quoted at 8.25@8.50 for old mess and 8.75@9 for new mess; family mess at 10@11.50; short clear at 9.50@12. Of cut meats, sales of 8,000 lb pickled bellies, 12-lb average, at 6½¢@6¾; 5,000 lb ditto, 10-lb average, at 6½¢@7; 14-lb average, quoted at 6¼; 1,200 pickled hams at 7@7¼, and 800 pickled shoulders at 5¼. Hogs at 4¼@5¼ for heavy to light averages, and pigs at 5¼@5½. On Tuesday, at Chicago, pork: November closed at 7.17 nominal; December opened at 7.22, stood at 7.20, sold up to 7.25, thereafter down to 7.17 bid, closing at 7.17; January opened at 8.17, eased off to 8.15, was then at 8.17, down to 8.12, closing at 8.12; May opened at 8.40, sold down to 8.35, closed at 8.37. Lard—November closed at 4.07@4.10; December opened at 4.10, was 4.12 asked, sold down to 4.07, up to 4.10, closed at 4.07@4.10; January opened at 4.22, eased off to 4.20, closed at 4.20@4.22; May opened at 4.40, declined to 4.37, closed at 4.37. Ribs: November closed at 4.15; December opened at 4.15, was at 4.17 asked, closed at 4.15; January opened at 4.17, declined to 4.15, thereafter was 4.17 asked, down to 4.12 bid, closed at 4.15 bid; May option opened at 4.27, sold at 4.30, afterward was 4.25 bid, closed at 4.27. The New York market showed Western steam on the spot at 4.45; 50 tcs. city sold at 4.20; compound lard at 4@4¼; refined at 4.70 for Continent. Pork was unchanged. Of cut meats, sales of 9,000 lb pickled bellies, 12-lb average, at 6½; 5,000 lb ditto, 10-lb average, at 6¼; pickled shoulders at 5¼@5½; pickled hams at 7@7¼. Hogs at 4¼@5¼ and 5¼@5½ for pigs. Wednesday, at Chicago, pork: November closed at 7.20; December opened at 7.17, sold at 7.20, closed at 7.20; January opened at 8.15, was 8.10 bid, sold to 8.15, closed at 8.12; May opened at 8.35 and closed at 8.35. Lard: November closed at 4.07@4.10; December opened at 4.07, closed at 4.10 asked; January opened at 4.20, sold to 4.22, closed at 4.20@4.22; May opened at 4.35, sold to 4.37, closed at 4.37 asked. Ribs: November closed at 4.15; December opened at 4.12 bid, was 4.15 asked, and again at 4.15 bid, closed at 4.15 asked; January opened at 4.15, was 4.12 bid, closed at 4.15 asked; May closed at 4.27. In New York, Western steam on the spot was 4.40@4.42½, and city at 4.20, with refined lard and other products generally essentially as quoted upon the previous day's markets.

(For Later Report see Page 42.)

\* Architect J. D. Allen, 1017 Chestnut street, Philadelphia, announces that the large abattoir building which was to have been erected at Bristol, Tenn., has been temporarily abandoned. It was to have been brick, iron, etc. Cost, \$300,000.

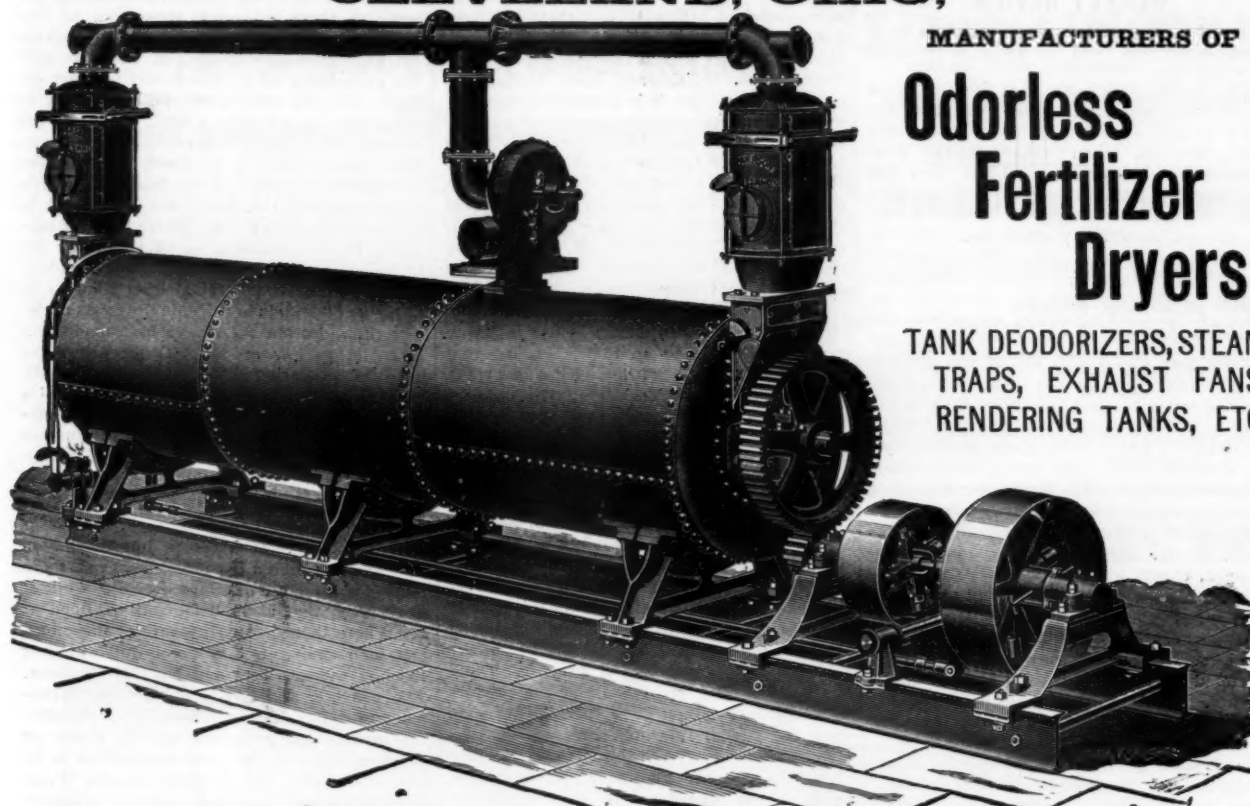


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## Preserver for Meats of All Kinds.

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## TALLOW AND STEARINE. WEEKLY REVIEW.

All articles under this head are quoted by the lb. except animal oils, which are quoted by the gallon all in packages.

**TALLOW.**—It appears that the little fever which was observed to the market at the close of last week lasted but a short time. The order that then came from the West (Chicago) at  $3\frac{1}{4}$  for city, in hhds. here, was for only 100 hhds., while there were not then sellers at that price, with the melters a little bit excited over the possibilities. But on Monday the bid was not repeated, and it looked then as though affairs were to be quiet again and that the trade had missed its opportunity by declining to sell promptly on the spirit of demand. The best bid on that day for city here was 3 3-16, and it was thought it could have been bought at  $3\frac{1}{4}$ . On Tuesday the trade began to feel that they would have to look to the exporters again to relieve the situation and that at whatever the price the shippers would take hold, would determine the position, while it was regarded that the succeeding days sale in London would possibly indicate that. On Wednesday the report from the London sale showed it unchanged, except on some special lots, which were 3d higher, while the offering there was taken up. The shippers here say that they could not pay over  $3\frac{1}{4}$ , but it is possible that 3 3-16 could be made from them, while 3 3-16 is offered by the home trades and the melters have none to sell under  $3\frac{1}{4}$ , while the offerings generally will be small for the next two weeks, possibly not more than 200 hhds. of fresh made goods, as the melters are largely sold ahead. The production of city is now about 700 hhds. weekly, and it is believed that the accommodation at the close of last week, and which was wholly in the hands of one melter, is about 2,200 hhds., while whether this will be enlarged any in the near future will depend upon the output of the takings and these will be referred to up to the close of Friday through this report. It is not believed that the shippers will be willing to pay 3 3-16 for city, but that if the markets should get back to  $3\frac{1}{4}$  again, which is not probable for a fortnight at least, that there will be a resumption of the demand from the other side, which last week proved so encouraging and led to hopes of a permanent turn to much more strength. It seems strange to the trade here that the West does not do more upon this market. With Chicago firm at  $3\frac{1}{4}$  for its best packers, and at which it has recently sold 2,000 tes. it is a matter of surprise to the dealers here that not only orders of importance do not come thence, but also that from intermediate points that buying is not diverted momentarily at least to this locality, with the relative situations of the markets West and here considered. There is no question but that less out of town stock is coming here, even from those points which usually send their makes this way, as all grades of tallow at the West are sympathizing with the strength noted on packers, and the supply indicated is drifting there. Outside of a possible resumption of export demand upon the New York market the trade here comes wholly from the local soap houses, while it is unfortunate for the melters just at present that these people are

pretty well loaded up with tallow, while they are not doing a brisk business in manufactured goods. Some of these local soap houses have sufficient tallow to last them until the first of the year, and they would take in additional supplies only as the prices ease to suit them. Their indifference over buying becomes clearer when it is considered that notwithstanding the lighter amount of country made coming in, and which class of stock they usually depend upon as a club upon too firm views of the city melters, they have been no way concerned over any little spurt in city goods, and say "we can afford to wait until the market settles again." There have been sales of this country made stock this week of 225,000 pounds at  $3\frac{1}{4}$ ,  $3\frac{1}{2}$  packages free. The edible grade is in little better supply, but is not at all plenty; a few moderate demands have come up this week for that class of goods, and 200 tes. city sold at  $3\frac{1}{4}$ . The trading in New York in city in hhds. up to the close of Wednesday have not been important since our last report, but upon that day the 200 hhds. that go in weekly on contracts were taken at 3 3-16, and the market then stood 3 3-16 bid and  $3\frac{1}{4}$  asked.

At Chicago best packers quoted at  $3\frac{1}{4}$ ; No. 2 at  $2\frac{1}{2}$ @ $3\frac{1}{4}$ ; No. 1 city renderers at  $3\frac{1}{2}$ @ $3\frac{1}{4}$ ; No. 1 country at  $3\frac{1}{4}$ @ $3\frac{1}{4}$ ; No. 2 at  $2\frac{1}{2}$ @ $2\frac{1}{2}$ .

**OLEO STEARINE.**—It has been a market that has shown a standing off on the part of the pressers and the lard refiners, one insisting upon a  $4\frac{1}{2}$  price here, and the consumers trying to get a commission from it. There has been no very great want of the product by the refiners; they have had deliveries to them recently of fair quantities on old buying orders and preferred to use them up while expecting that the market when they were ready to buy would not be further against them, and hoping that the pressers would become tired over holding and make concessions. But the fact is that the pressers, knowing that oil would be less freely wanted upon the Dutch market this and next month have not made as much of the stearine as usual and have turned the fat more to the making of stock, which they are able to sell at a better profit, therefore moderate accommodations have been held more as awaiting demands, while it now looks as though the refiners would be compelled to pay  $4\frac{1}{2}$ . At Chicago there is corresponding indifference over taking up the offerings, while the pressers there feel that prices are low and refrain from crowding the market with their supplies; the bidding out there is  $4\frac{1}{4}$ , while  $4\frac{1}{2}$  is asked.

The only sale in New York for the week was a lot of 25,000 pounds city made, and on Tuesday at  $4\frac{1}{2}$ .

**CORN OIL.**—There has been less done with the West this week on shipments. The exporters are becoming very indifferent over the offerings, although they admit their prices are cheap; but so long as ocean freight room is an offer in its present restricted way it is not likely that there will be much interest from shippers and particularly as they can afford to be a little indifferent for awhile by reason of having secured recently a very fair supply, while they have shipments still to be made on this old business. The market ranges from 2.70 to 2.85 per 100 pounds for large and small lots.

**LARD OIL.**—Most of the distributors say

that the business is very slow with manufacturers; others report a fair marketing of small lots with their regular customers, but none of them note any disposition to buy much ahead, or for the purpose of making marked accommodations. It would require the probability of increased cost to start demand from the manufacturers, but so long as lard drifts upon rather a lame basis and the consumers of oil can afford to be indifferent there is not likely to be much change from the current dullness. There has been a little export business this week, but not enough to relieve the market much. There is a fair supply of Western standing on offer, and the distributing houses believe that if they made a bid of 35 they would get at least some of it, although 36 stands in a nominal way as an inside rate. Recent sales have been made of a large lot as low as  $34\frac{1}{2}$ . Other prices for small lots, covering city as well, run up to 38. Most of the sellers here of small lots have a pretty good accommodation, and they are not willing to treat with the pressers for further supplies until they can see a better distributing business.

**LARD STEARINE.**—There has been some Western on offer here this week. Most of the sellers of these Western lots decline to consider less than a  $5\frac{1}{4}$  price; however, there is no sale for these offerings over  $5\frac{1}{8}$ , while it is reported that a small lot was obtained at 5. Where there is any pressure of these outside lots, coming as they do on dull wants of the lard refiners, they suffer a little in force. The refiners, while they are getting rather more of a business in refined lard, yet they are pretty well protected against wants of stearine, either by their own productions or by contracts ahead. At the same time the Western lots are now coming in material competition with any surplus of city, still there has been a little export business in the latter recently. It would be hard to buy city under  $5\frac{1}{8}$ , as it would be held against special outside trades. For grease stearine there has been no improvement in demand; a few small sales have shown that it was not possible to buy under recent rates. Yellow quoted at  $3\frac{1}{4}$ @ $3\frac{1}{4}$  and white at  $3\frac{1}{4}$ , while at Chicago yellow quoted at  $3\frac{1}{4}$ @ $3\frac{1}{4}$  1-16 and white at  $3\frac{1}{4}$ .

**OLEO OIL.**—There were about 4,000 tes. received at Rotterdam at the close of last week, while it is understood that about 2,500 tes. were due there on Wednesday of this week. The cables thence had shown very small takings of the invoices that were on offer. Up to Tuesday there had been only 360 tes. reported sold, of which 100 tes. Modoc on Monday, at 39 florins, and 260 tes. Eastman and Harrison, on Tuesday, at 39 florins, showing hardly a change in the situation there, although small lots had been sold previously at 40 florins. The churners, while they are slow over taking the oil, usually find their trading even greater in December. The less trading in butterine and the diminished wants of the oil in consequence is usually about this time of the year, when the Australian butter is about due in England.

There had been no marked change in the butter market for a few days to influence the prices of butterine in the Dutch markets, while the holders of oil are not willing to share its price to start up buying interest from the churners, although before the close

(Continued on page 18.)

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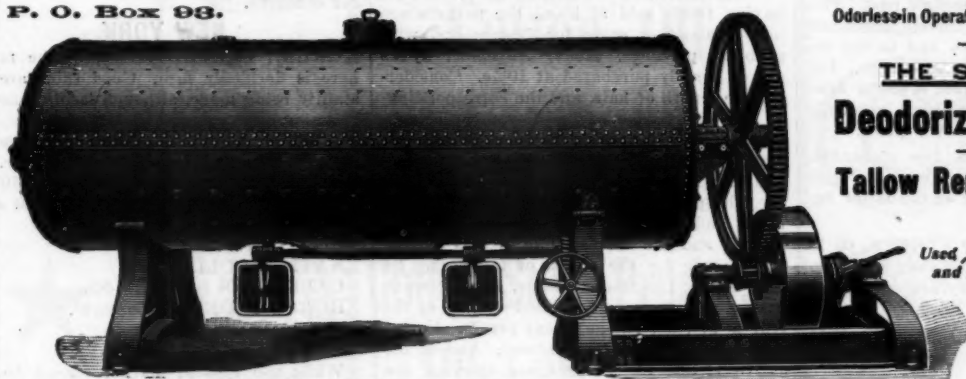
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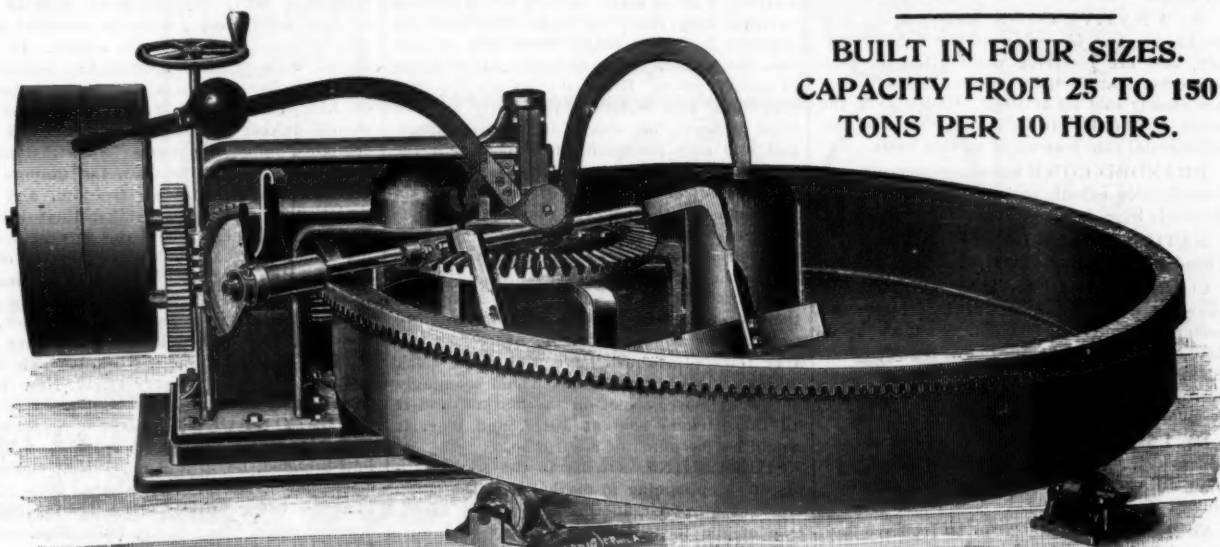
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CAPACITY FROM 25 TO 150  
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Our machine does the work thoroughly and rapidly with either wet or dry mixtures, and can be used equally well for dissolving phosphates or for mixing the prepared ingredients. The power required is very small, varying from two to ten horse power, according to size of machine and capacity desired.

## PRICE LIST.

No.	Diameter of Pan.	Depth of Pan.	Space Required.	Size of Pulleys.	Speed of Pulleys.	Weight Complete.	Capacity 10 hours.	Price.
1	5 feet	16 inches	5 feet 6 inches x 7 feet 4 inches	24 x 6	200	3,200	20 to 30	\$350 00
2	6 feet	16 inches	6 feet 6 inches x 8 feet 4 inches	30 x 6	210	4,000	40 to 75	400 00
3	7 feet	16 inches	7 feet 6 inches x 9 feet 6 inches	33 x 6	225	5,500	60 to 100	450 00
4	8 feet	16 inches	8 feet 6 inches x 10 feet 6 inches	36 x 6	240	7,500	80 to 150	500 00

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**A REQUISITE IN EVERY PACKING HOUSE.**

FULL DESCRIPTION  
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**The Pork and Beef Packers' Hand-Book and Directory.**



## HIDE AND SKIN MARKETS. CHICAGO.

**PACKER HIDES.**—Traffic during the past week has been only fair. Such sales as were made were of the scattering variety. The situation is rather less favorable to the packer than it has been for some time past. This is owing to a domestic and foreign accumulation of heavy branded stock and to the deterioration coincident with the season. Despite this, however, the market is pretty firmly sustained and sales are very generally made on the full rate basis. We quote:

No. 1 NATIVE STEERS, free of brands, 60 lb and up, were in good request at 10¼¢@11¼¢, and are now offering at the latter figure.

No. 1 BUTT-BRANDED STEERS, 60 lb and up, have been in fair demand. Some accumulation is reported. They are offering at 10¼¢.

COLORADO STEERS, 60 lb and up, sold to the extent of a few thousands in scattering lots. They are quotable at 9¼¢.

No. 1 TEXAS STEERS, 60 lb and up, seem to have encountered the marble heart. They are at present the object of little interest and are accumulating. They are offering at 10¼¢.

No. 1 NATIVE COWS, 55 lb and up, free of brands, are in comparatively limited supply, and are receiving more attention than any other feature of the present market. They are closely sold up at 10¼¢. Under 55 lb the stock is quotable at 10¼¢, and at least one substantial sale was made on this basis.

BRANDED COWS have accumulated to a considerable extent, owing to the indifferent demand; 9¼¢. is being asked for them.

NATIVE BULLS are said to be well sold ahead at the ruling figure, 9¼¢.

**COUNTRY HIDES.**—The country market shows a decidedly firm front, despite the somewhat increased receipts, which are up to date pretty well absorbed by the demand. There is, however, a conspicuous absence of desire on the part of holders to retain stock commanding the present prices.

No. 1 BUFFS, 40 to 60 lb, free of brands and grubs, have been in active request, and show an advancing tendency. They are quotable at 9¼¢; No. 2, 9¼¢.

No. 1 EXTREMES, 25 to 40 lb, have had some sale in small lots. They are now offering at 10¼¢.

BRANDED STEERS AND COWS are receiving a little more attention and are quotable at 8¼¢. flat. There is a slight tendency to advance.

HEAVY COWS, 60 lb and up, free of brands and grubs, have generally sold in small instalments. They are worth 8¼¢; No. 2, 8¼¢.

NATIVE BULLS are bringing 8¼¢. for a superior quality.

CALFSKINS, 7 to 15 lb, are free sellers. The prices range from 12¼¢@14¼¢.

KIPS, 15 to 25 lb, are quickly taken at 12¼¢. and 11¢. for No. 1s. and No. 2s.

DEACONS under 7 lb are in active request and quotable at 50¢@55¢.

SLUNKS, 25¢@30¢.

HORSE HIDES are strong at \$3.40.

**SHEEPSKINS.**—The market is inactive. Despite this, several of the packers are holding out for higher figures. We quote:

PACKER PELTS, \$1¢@1.10.

COUNTRY PELTS, 45¢@75¢.

PACKER LAMBS, 90¢@95¢.

COUNTRY LAMBS, 40¢@75¢.

## KANSAS CITY.

The sales for the past week being pretty even to the packers' slaughter—which shows a decrease from previous week—packers are still firm in their views. October Texas have sold at 10¼¢; light Octobers have sold at 9¼¢, and at present writing one of the largest slaughterers here seems firm at 10¼¢. for his heavy October Texas. Light Octobers having freely sold at 9¼¢, the packers are now demanding same for Novembers, with grubbing privilege. Heavy November Texas can be readily purchased at 10¼¢. Considering the length of hair, and the corresponding heavier average of the November slaughter, the price is a remarkably good one, for while the Texas take-off in August and September will only go about 65 lb to the average, the present take-off will go from 60 to 71 lb. And this difference simply in the length of hair and the correspondingly less shrinkage in cure for the period of the year. So that, taking the relative value, the difference against the tanners of the two seasons of the year is at least one-half cent per lb. Native steers and cows are very scarce. And in the native steers, the packers are showing the very commendable example in selling their production ahead of the slaughter. There is no doubt but that quite a number of tanners are short of native steers, but as native steers from this on will run more to heavy weights, a great many tanners are preferring to work very slow, for while they may see daylight in light leather, there is a positive loss, the tanners claim, on heavy native steers at present prices. Branded cows are also held very firm, and 9¼¢@9½¢. is strictly adhered to at present. The stocks are not very large, and still only reasonable to expect that the usual curtailment of the holidays in the slaughter of cattle will be still a leverage in the hands of the packers for a continuance of present high prices. In former years at this season of the year tanners always curtailed their purchases somewhat, owing to stock taking, which generally took place at the end of the year; however, if accounts are true, as far as hides on hand are concerned, very few tanners will have very much stock taking to look after. Texas would seemingly be the only weak spot on the market, and if all the packers sold at 10¼¢. and 9¼¢. it would not be much of a surprise.

**SHEEPSKINS.**—Owing to the small supply of sheep coming to market here the stock of sheepskins held in this city is very small. One of the large packers entirely sold out; another with probably four of five thousand; another with not over six. At this season of the year this is looked on as very small indeed. They are very firm in prices, and unless the skins are of a light average, the purchaser must toe the mark at \$1 to get them; some of their best skins they are holding at \$1.05.

## BOSTON.

The market continues firm and high, and offerings very small. Tanners are shy and their bids are below ruling figures. So great is the scarcity of stock that it is claimed to be impossible to fill even present orders. We quote:

BUFF HIDES, 9¼¢@10¢.

NEW ENGLAND HIDES, 9¼¢.

CALFSKINS continue high, in the face of meager receipts.

**SHEEPSKINS.**—Market is inactive. Prices fairly well sustained.

## PHILADELPHIA.

There is virtually no change from conditions prevailing last week. Stock is closely sold up and in active request. The Quakers would buy more stock if any were in sight. We quote:

CITY STEERS, 10¢@10¼¢.  
CITY COWS, 9¢@9½¢.  
COUNTRY STEERS, 8¢.  
COUNTRY COWS, 8¼¢@9¼¢.  
BULLS, 8¢.  
CALFSKINS.—Market steady, supplies limited.

**SHEEPSKINS** are quiet and offering at \$1¢@1.10 for prime city skins and 75¢@1 for country.

## NEW YORK.

**GREEN SALTED HIDES.**—The market here is decidedly firm. Good sales are constantly being made, although local tanners all groaning over the prices. We quote:

No. 1 NATIVE STEERS, 60 lb and up, have been in some demand at 11¢@11¼¢.

BUTT-BRANDED STEERS, 10¢@10¼¢.

SIDE-BRANDED STEERS are not an attractive feature at 9¢@9¼¢.

CITY COWS, 10¢.

NATIVE BULLS, 9¢.

CALFSKINS (see page 46).

HORSE HIDES, \$3.25¢@3.40.

## SUMMARY.

While the present market cannot be said to be perceptibly weaker, it is true that the situation does not favor the packer to the extent that it did. As is to be expected at this time of year, the take-off is inferior. In addition to this, there are material accumulations of heavy branded stock, both in this country and Europe, with an excellent prospect of increased domestic supply. If this should assume any appreciable volume it would probably have a depressing influence on hide values, and if the foreign market should unload its surplus the effect of the combined influx is obvious. Notwithstanding these prospective influences, the tanners are buying with comparative freedom, and the majority of them are holding their leather for outside prices. About the only neutralizing condition that could transpire to offset the disastrous effect of a largely increased foreign and domestic supply would be a material enlargement of leather sales, which, by the way, have taken a wonderful turn for the better during the past week, one sale having been made by a Ferry street, New York City, house, aggregating \$200,000.

**CHICAGO PACKER HIDES.**—No. 1 natives, 60 lb and up, 11¼¢; No. 1 butt-branded, 60 lb and up, 10¼¢; Colorado steers, 9¼¢; No. 1 Texas steers, 10¼¢; No. 1 native cows, 10¼¢; under 55 lb, 10¼¢; branded cows, 9¼¢; native bulls, 9¼¢.

**CHICAGO COUNTRY HIDES.**—No. 1 buffs, 40 to 60 lb, 9¼¢; No. 2, 9¼¢; No. 1 extremes, 25 to 40 lb, 10¼¢; branded steers and cows, 8¼¢; heavy cows, 60 lb and up, 8¼¢; No. 2, 8¼¢; native bulls, 8¼¢; calfskins, 12¼¢@14¼¢; kips, 12¼¢. for No. 1; 11¢. for No. 2; deacons, 50¢@55¢; slunks, 25¢@30¢; horse hides, \$3.40; sheepskins, packer pelts, \$1.00¢@1.10; country pelts, 45¢@75¢; packer lambs, 90¢@95¢; country lambs, 40¢@75¢.

**BOSTON.**—Buff hides, 9¼¢@10¢; New England hides, 9¼¢.

**PHILADELPHIA.**—Country steers, 9¼¢@10¢; country cows, 8¼¢@9¼¢; country bulls, 8¢.

**NEW YORK.**—No. 1 native steers, 60 lb and up, 11¢@11¼¢; butt-branded steers, 10¢@10¼¢; side-branded steers, 9¢@9¼¢; city cows, 10¢; native bulls, 9¢; calfskins (see page 46); horse hides, \$3.25¢@3.40.

## HIDELETS.

The U. S. Leather Co. declared a dividend of 1 per cent. on the 23d inst.

Harry Selman, the well-known Ferry street, New York City, sole leather dealer,





# The American Cotton Oil Company

Manufacturers and refiners.

## Cotton-Seed Products

Oil, Cake, Meal,  
Linters, Ashes, Hulls.

THE AMERICAN COTTON OIL COMPANY,  
46 Cedar Street, New York.  
Cable Address: AMCOTOIL, New York.



Established 1842.

# JOHN P. SQUIRE & CO.'S

Incorporated 1892.

## PURE KETTLE-RENDERED LEAF LARD

21, 23, 25 Faneull Hall Market, **BOSTON, MASS.** 39 and 40 North Market Street.

FRANK DIESEL CAN CO.



MANUFACTURERS OF

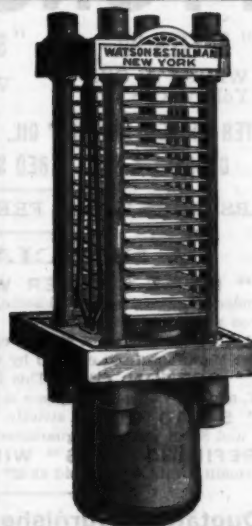
### Lard Pails and Meat Cans,

PLAIN AND DECORATED.

Tin Cans and Sheet Metal Work of  
all kinds.

STEWART AVENUE,  
Bet. 39th and 40th Streets.

CHICAGO, ILL.



## Hydraulic Presses PUMPS.

Over 100 Varieties.

FILTER PRESSES,  
PRESS CLOTHS, VALVES,  
GAUGES AND FITTINGS.

### THE WATSON-STILLMAN CO.,

202 EAST 43d STREET,  
NEW YORK, U. S. A.

Send for Catalogue  
A B.

## OUR YELLOW BOOK SEE COUPON PAGE 22.

has been confined to his home by a severe cold.

Geo. W. Bell, lately with A. Kinley & Sons, sole leather tanners, of Olean, N. Y., and formerly identified with many prominent sole leather houses of the Swamp, has accepted a position with Myers & Gordon, 42 Spruce street, New York City, dealers in all kinds of rough and sole leather.

At a meeting of the Leather Belting Manufacturers' Association recently held at the Astor House, it was decided to advance the price of leather belting 25 per cent.

A. Hecht, of Joseph Hecht & Sons, has arrived in New York from Liverpool.

## TALLOW AND STEARINE.

(Continued from page 14.)

there may be a little effort that way, and further reports will be appended. In New York No. 1 quoted at 6%.

**GREASE.**—There has been a little business done with shippers this week and 400 tons are reported that way. But there are only spasmodic demands thence, and there is nothing as yet especially encouraging. Rather more of an outlet has been found for shippers to the home trade; the trading has been encouraged a little by the recent improvement in the tallow market, but it is not as yet sufficiently vigorous to keep prices more than steady. There are generally prompt sellers at the prices of the previous week, since many of them are tired of holding while they see nothing encouraging in the position of other fats. The interior holders have seemingly got rid of some of their surplus, and have probably turned it to the Western and intermediate markets, as there are fewer offers to sell from the country. The Chicago market has had some weakness in its prices for grease, as there is rather a burdensome supply of some grades there, while it is passing into consumption rather slowly. Chicago reports sales of white grease at 3 and it is able to buy more at that price. Quotations in New York: A white at 3%, B white at 3@3½, yellow at 2½@2¾, bone at 2½@3½, brown at 2½@2¾. At Chicago, A white is quoted at 3¼@3½, B white at 2½@3, yellow at 2½@2¾, brown at 2@2½.

(For Later Report See Page 42.)

## PERSONAL.

Mr. Jacob Dold, of Buffalo, stopped over in Chicago for a day this week on his way to Kansas City.

Congratulations are in order, Eddie Dold, the secretary of the Jacob Dold Packing Co., Buffalo, having been presented with a bouncing daughter by his wife last week. Eddie has grown considerably stouter since his marriage, which seems to indicate that married life agrees with him.

Mr. John Duncan, of Boston, stopped in Cleveland and Chicago on a Western trip this week.

Mr. Ferdinand Sulsberger and Mr. Fred Joseph were in Chicago this week in connection with the business of their depot on the North Side.

The second trial of A. L. Luetgert, the Chicago sausage maker, will begin not later than Monday next, before Judge Joseph Gary.

Mr. James S. Glenn, one of the best-known business men of Nashville, Tenn., has been appointed general Southern manager of the Oudaky Packing Co., of South Omaha, Neb., with his headquarters in Nashville. Mr. Glenn has rented the large storehouse at 125 North Market street, where he has opened up. Embraced in Mr. Glenn's territory will be Tennessee, Kentucky, Alabama and Mississippi.

The company has been fortunate in securing Mr. Glenn as manager. He has for the past eighteen years been connected in various capacities with the flouring mills of Nashville, and in this line has gained an experience which fits him for the important position he has secured.

Mr. V. P. Pluym, of Washington, D. C., recently visited Richmond, Va., with the purpose of locating a sausage factory there, if pleased with the outlook. Mr. Pluym is a practical sausage maker of large experience.

Richard J. Collins has won his somewhat celebrated "meat case" against the Board of County Commissioners of Chicago. Collins was among a number of firms which bid for supplying the county institutions with meat for three months from Oct. 1. The contract is considered a valuable one to the meat men, and for this one there were three bidders—Armour & Co., R. J. Collins Co. and the Hammond Co. Collins claimed that, notwithstanding the fact that his bid was \$1,200 lower than any of the others, the contract was given to Armour & Co. Judge Gibbons to-day decided in favor of Collins, saying that the relator was clearly entitled to the contract.

One of the best credit men in this country is the gentleman who stands at the right side of the entrance in Probeck's butcher supply house in Cleveland, O. He watches everybody going in and keeps his eye fixed upon him while he is in the store. He does not say anything, and is deaf to all implorations. Steadily, immovable, he stands like a dummy, watching. By the way, he is only a well dressed dummy; that is why he does not talk. Don't be afraid of his glassy eyes when you enter the store; he is a wooden man. How good

(Continued on page 22.)

## COTTONSEED OIL.

### WEEKLY REVIEW.

Quotations are by the gallon, in barrels, in New York, except for crude in bulk (tank cars) which are the prices at the mills.

### STEADIER, RATHER BETTER DEMAND.

The turn of the market has been rather steadier this week, but try as they may, marked difficulty has been found in putting any marked tone into the position. Everybody in the trade admits that prices are surprisingly low, that there ought to be a reaction under normal conditions of freight room, yet at the same time they are not seeing any prospects of an immediate decided reaction, and consequently are in many instances as buyers waiting for further developments. That the market for prime yellow in barrels in New York came up to 21½ early in the week, and which indicated ¼c. advance over the basis that was accepted in the previous week, proved only that it was sensitive to a few orders here from exporters in the ability to get a little more freight room to France, and as well encouraged the opinion that if freight room could be had abundantly it would not take much time to put the price to 22 here. Besides, if exporters were buying freely, a good, healthy tone would be developed to the entire position, while there is little question that with that source of trade opened up liberally, the home demands, those from the lard refiners and soapmakers, would be quickened for the purpose of making accumulations for future use, and thus adding to the strength. The Marseilles market had taken the few parcels here early in the week. But sellers have been a little encouraged as

E. H. FERGUSON, President. R. C. WAGGENER, Treasurer. J. J. CAFFREY, Secretary.

# KENTUCKY REFINING CO.

LOUISVILLE, KY., U. S. A.

Refiners of All Grades of

## COTTONSEED OIL.

"ECLIPSE" BUTTER OIL.

"SNOWFLAKE" PRIME SUMMER WHITE.

SUMMER { White 1/8 Oil.  
Yellow C/S Oil.

WINTER PRESSED { White C/S Oil.  
Yellow C/S Oil.

SUMMER AND WINTER WHITE "MINERS" OIL. YELLOW AND WHITE COTTONSEED STEARINE.

CRUDE C/S OIL. "RED STAR" SOAP. SOAP STOCK.

TANK CARS FURNISHED FREE FOR SALES OR PURCHASES.

### SPECIALTIES:

"SNOWFLAKE" PRIME SUMMER WHITE. This oil is prepared especially for Lard Compounders; is sweet and wholesome, being bleached without a particle of acid. A trial means you will use no other.

"ECLIPSE" BUTTER OIL. A strictly choice Vegetable Oil, selected and prepared especially for Butter Manufacturers; equalled by none other for quality and uniformity.

"DELMONICO" COTTON OIL. This brand of Cooking Oil needs no introduction; speaks for itself, and for Culinary Purposes is synonymous with finest.

"NONPAREIL" SALAD OIL. A strictly Winter Pressed Oil, prepared expressly for Druggists, Culinary and Salad Purposes; guaranteed to remain bright and limpid at 32° Fahr.

"KENTUCKY REFINING CO.'S" WINTER PRESSED OILS. Guaranteed pure and to remain bright and limpid at 32° Fahr. The very best made for any climate.

Quotations furnished upon application.

KENTUCKY REFINING CO.,

2017 to 2033 Shelby Street,

LOUISVILLE, KY.

Cable Address: "REFINERY," LOUISVILLE.



# INVENTIVE GENIUS. Patents, Trade-Marks, Etc., Granted in Washington on November 23.

## TRADE-MARKS.

80,887. OYSTERS, MEATS, FRUITS, VEGETABLES, JELLIES, PRESERVES, SOUPS, AND SUCH LIKE GOODS USUALLY PUT UP BY FOOD-PACKERS, RECEPT PERS. Wm. W. Humes & Son, Inc., Baltimore, Md. Filed Apr. 19, 1897.



Essential feature.—The pictorial representation of a sailing vessel. Used since 1878.

80,888. SMOKED MEATS. FRANK A. FERRIS, New York, N. Y. Filed Aug. 27, 1897.



Essential feature.—The combination of the words "OUR TRADE MARK HAM" arranged within an elongated border, said border being surrounded by a shield, across the upper end of which extend ribbons with the representation of a seal and the words, abbreviations, and character "F. A. FERRIS & Co., New York." Used since April 1, 1895.

## KANSAS CITY LIVE STOCK REVIEW.

Kansas City, Mo., Nov. 22.

The stock market for past week gives cattle and hogs steady, with sheep strong and slightly higher. Receipts past week, with comparisons:

	Cattle.	Hogs.	Sheep.
Kansas City .....	43,186	71,092	15,713
Same week, 1896..	55,502	50,101	20,207
Same week, 1895..	30,943	63,132	12,444
Same week, 1894..	44,350	70,910	12,126
Chicago .....	57,000	182,300	69,900
Omaha .....	17,700	26,100	9,900
St. Louis .....	23,000	31,500	9,200
Kansas City .....	43,000	71,100	15,700

Total .....	140,900	311,000	104,700
Previous week .....	126,300	334,000	104,300
Same week, 1896..	165,800	271,700	108,800
Same week, 1895..	141,600	360,800	86,400

### Kansas City packers slaughter:

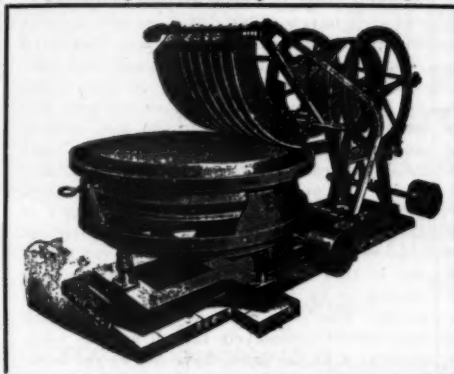
Armour Pack. Co..	6,190	26,495	6,206
Swift & Co.....	4,092	17,582	2,549
S. S. & Co.....	5,117	3,255	3,061
J. Dold Pkg. Co..	795	8,719	471
Fowler Son & Co..	159	11,145	39

Total .....	16,965	67,311	12,453
Previous week .....	18,991	65,241	11,301
Same week, 1896..	23,637	48,421	12,277

The supply of beef cattle for the past week on the market was very limited. The highest price being paid for that of Tuesday for some 1,380-lb average at \$4.95. Monday the market stood for top of 1,341-lb average at \$4.80. On Tuesday a bunch of above at \$4.95. Also sales of a bunch of 135 weighing 1,433-lbs average at \$4.75. On Wednesday the top price for 1,458-lbs average \$4.85. On Thursday 1,492-lbs average \$4.80 and on Friday, which practically closes the market every week for fat cattle, some fancy two-year-olds of 1,372-lbs average went at \$4.85. A little larger supply of native cows and heifers than usual on the market. Some 1,557-lb average cows went at \$4; some 1,350 at \$3.95. The bulk, however, of passable cows sold at \$3.35 @ \$3.50. Heifers of 970-lbs average sold at \$4.10; some 1,160-lbs average sold at \$4. The larger bulk were sold at about a value of \$3.50. Some 1,170-lb average native bulls were sold at \$3.50; some 1,630-lb average at \$3.40, and quite a number changed hands at from \$2.75 @ \$3. Desirable heavy-weight cattle

## THE BRODESSER MILWAUKEE, WIS. ELEVATOR MFG. CO.

Patentees of the  
BRODESSER and STEIN POWER ROCKER  
(formerly called Daisy Steam Rocker).



were in demand, and for this class the packers were pretty fair purchasers. A good supply of range cattle on the market, but fully half were nothing more than stockers and feeders. Some fed Texas 1,210-lbs average went at \$4.25. Some 1,182-lbs sold at \$4 and so down to the value of about \$3.50. Some fed Texas cows of 680-lbs average sold at \$3.25. Heifers of 662-lbs average \$3.25. Texas bulls of 940-lbs average \$3.50. While a bunch of 124 Texas bulls of 1,284-lbs average sold at \$2.75. Colorado steers of 1,362-lbs average sold at \$4.30. Colorado cows of 1,025-lbs average as high as \$3.25. A number of Colorado canning cows sold at \$2.50. A bunch of 113 Western steers of 1,412-lbs average sold at \$4.70. A bunch of 140 of 1,234-lbs average sold at \$4.55; some 1,270-lbs average sold at \$4.35. Western cows of 862-lbs average at \$3.25. Western heifers of 842-lbs average at \$3.55. Western bulls of 1,215-lbs average \$2.50. A bunch of 245 canning cows of 595-lbs average sold at \$2.50. New Mexican steers of 1,690-lbs average at \$3.65. Cows of 873-lbs average at \$3.10. Heifers of 528-lbs average at \$3.20. A fancy bunch of 1,195-lb average New Mexican steers sold at \$4.25. A bunch of 256 cows, however, of 724-lb average, sold at \$2.45. Arkansas steers of 390-lb average, sold at \$3.40. Arkansas heifers of 388-lbs average at \$2.75. Some Oklahoma steers of 732-lbs average sold as high as \$3.70. Cows of 1,105-lbs average sold at \$3.60. Sixty-one old Mexican, Kansas fed steers of 788-lbs average sold at \$3.55. With last Monday the quarantine season ended and therefore comparisons are the order of the day, and white St. Louis is very busy boasting that she has obtained 11,625 cars this year (while Kansas City showed 10,547, with Chicago at 6,585), she ignores the fact that, taking the number of head into consideration, Kansas City leads all by 28,622 head. Taking the entire season, February 15 to November 15, we find the total number received in the three leading markets 748,926; while the receipts for the same three markets in 1896 were 985,195, showing a shortage for the year of 236,269 cattle. Of the receipts Chicago received 166,396; St. Louis, 276,954, while Kansas City leads them all with 305,576, or pretty nearly double that of Chicago. It must be remembered, however, that both Kansas and Nebraska feeders went direct this year to Texas for supplies and it is to be presumed that more cattle than ever before went directly to the feeding pens of Kansas from Texas, without being either fed or watered in either of the four large markets. This may account somewhat for the seemingly large discrepancy. The feeder trade for the week was

## NAMES OF PARTIES USING OUR PAT'D POWER ROCKER. Knife Machines.

Swift and Company, Chicago.....10 No. 9  
Armour & Co., Chicago.....3 No. 9  
Cudahy Packing Co., South Omaha.....1 No. 9  
A. L. Luetgert, Chicago.....11 No. 9  
Fred. Katz, California Market.....1 No. 9  
Richard Guth, St. Louis.....1 No. 9  
Leo Taube, Detroit, Mich.....1 No. 9  
H. Kretschmar, Milwaukee.....1 No. 9  
Karl Scheidler, Milwaukee.....1 No. 9  
Fred Usinger, Milwaukee.....3 No. 9  
Nelson, Morris & Co., Chicago.....2 No. 9  
Swift and Company, Kansas City.....1 No. 9  
Chas. Hess, Milwaukee.....3 No. 9  
Chas. Schnil, Portage, Ill.....1 No. 9  
Viles & Robbins, Chicago.....3 No. 9  
Anglo-American Prov. Co., Chicago.....2 No. 9  
G. Huniford & Co., U. Stock Yards, Chicago.....1 No. 9  
Underwood & Co., U. Stock Yards, Chicago.....2 No. 9  
Veilauer & Hoffman, Milwaukee.....1 No. 9  
H. Wendt, Chicago.....3 No. 9  
Theodore Berg, Chicago.....2 No. 9  
L. Frank & Son, Milwaukee.....4 No. 9  
Blumenhagen & Epling, Chicago.....1 No. 9  
T. J. Lipton & Co., Chicago.....1 No. 9  
G. H. Hammond Co., Omaha.....2 No. 9  
John Schmidt & Co., New Bedford, Mass.....1 No. 9  
Schneider & Kiech, Dubuque, Ia.....1 No. 9  
And Many Others.

fairly brisk and good prices paid for anything of a good nature. To be sure, as usual, the poorer trash was neglected and sacrificed, but taking everything into consideration, good prices were paid. It must be remembered in comparing the receipts of cattle for past week with that of corresponding week one year ago, which shows some 12,000 head, against the past week, that the same week one year ago showed one of the largest weeks we ever had in the way of feeding cattle; in fact, something of 919 cars were shipped back to the country. During the past week exporters shipped 40 cars, against — cars for previous week, against 14 cars for corresponding week one year ago. Feeders shipped to the country 728 cars, against 633 cars for previous week, against 919 cars for corresponding week one year ago. Outside purchases: Cudahy 1,931 head, Schwarzschild 340 head, Swift, 333, Hall 236, Krauss 155, Balling 79 and Michael 74 head.

HOGS.—Owing to the large receipts in Chicago, with the tops selling there at \$3.55, the effect on the Kansas City market on Monday was very noticeable, as tops for that day sold at \$3.40, the bulk for \$3.30 @ \$3.37. However, on Tuesday a rally was made, the tops sold at \$3.42½; the bulk \$3.30 @ \$3.40. On Wednesday the market was still stiffer, the tops selling at \$3.47½, the bulk \$3.35 @ \$3.42½, but the hogs sold at \$3.42½ on Wednesday were not as good as those sold earlier in the week at lower prices. In fact, the packers were not very particular, so eager were they in cleaning up the market, shutting out in a great measure outside purchasers. On Thursday the top of the market was \$3.50, the bulk \$3.40 @ \$3.45½. A slight decline on Friday, when the top stood at \$3.47½ and the bulk at \$3.37½ @ \$3.45. Saturday being generally a slow market, the tops went at \$3.45, the bulk at \$3.45 @ \$3.42½, at which price the packers were eager to buy, in fact outsiders during the past week, after Monday, had not much chance on the market. Some very fair Southern hogs were on the market, and the packers discriminated only 2½c. on the price from them of the best hogs on the market. Pigs were in good demand, except on Saturday; the bulk for the week going about \$3.20. The highest price paid for tops during the past week \$3.50, while the highest price paid for tops one year ago \$3.35. Highest price paid for bulk this week \$3.37½ @ \$3.45, while the highest paid for bulk one year ago \$3.20 @ \$3.30. And for even this slight margin the farmers are fairly well satisfied. The total amount of hogs shipped this week 2,855. The destination of hogs

(Continued on page 22.)

well, as outside of the slightly increased business, from the reports from the South over the marketing of the seed. In Texas the supplies of seed were started in their marketing about three weeks earlier than usual, and the fact that the mills there are getting now less seed is not of so much consideration, but is looked upon rather as a material result with the advancing season. But along the Atlantic the \$7 per ton price for the seed is restraining the planters a little over selling. Most of the reports this week from the latter sections have been that the mills were getting less seed, and that as they were not able to pay more money for it, with the low prices for oil, that the productions would be in the future affected to the extent of its current diminished supply. There are theories, however, that the planters will not long hold off marketing their surplus seed supplies; that they would rather sell seed than cotton, and that one or the other must be sold at the best obtainable price, and that seed will be sacrificed in order to obtain money. There must be a large surplus of seed above any possible demand for fertilizing purposes, and no matter how much encouraged the competitive demand from the planters for the seed may be, by reason of its low price, that it would seem as though this seed would at length get into the hands of the mills to making up in the future any loss of production at once from the present more restricted offerings of the product. Of course, no one at present can do more than offer their "beliefs" over the extent of the production of the oil, while the future market prices will depend more upon the supplies materially exceeding those of last year. Some people think that there will be only a moderate addition to the out-turns as compared with those of the previous season, and which were then decidedly less than the average in volume. Our own impressions are that that there will be decidedly more oil than then, but that there will be more active calls for it, and that better prices will be paid than those current, although no sharp advance can be looked for in the near future, while, indeed, not much briskness to trading is among the probabilities until for Continental ports there is offered all the freight room needed and at lower prices than those existing. Most dependence will be placed upon the trading from Marseilles, although the Mediterranean ports generally are evidently holding off for more secure features all around, while they will want considerable quantities of the oil when affairs are fully settled. The compound lard refiners are evidently of the opinion that the market is good for a steadier look; they have been watching and awaiting the position to come out of its recent depression, and with the slightly steadier turn this week they were making bids of prices that they hesitated over offering the previous week, while they find now that they are not able to secure much except at  $\frac{1}{2}$ ¢ advance. Many of the mills decline to accept even that slight improvement of prices; they reason that affairs could not be much worse, that they at present cannot get a profit of moment on their productions, and that they are running little risk in holding their oil. But there are other offerings, and in instances from mills that has been delayed in moving their prop-

erty to market by the recent quarantine laws, over which the desire is to get a little cash, and which prove sufficient in volume for all demands upon the New York market and about so for the Western trade, and which prevents the general market prices from doing more than creeping up a little from a basis of values that had been without precedent as favoring buyers. The talk here and there in the trade is, "we don't see why cotton oil should do better in face of a weak lard market;" but it must be recollected that cotton oil in its recent sharp decline led and was apart from any changes in the lard market, and that at present it is depending more upon its direct features. Of course, compound lard is dull and necessarily low in price, or  $4\frac{1}{2}$ ¢ per lb, by reason of the dragging tendency of the hog fat, but the lard refiners here would take up the cotton oil more freely for future use if they felt positive that there was a chance of an immediate decided reaction in prices. The soap trade at the West, which had bought extensively the oil a little while since at a higher price, have not as yet hardly half the quantity they use through the season, and they will become buyers later on, whatever the price, in the necessities for their special soaps. But we do not see much prospect of the local soap trade taking the oil, however encouraging it was a little while since. Tallow is beginning to ease up after its little spurt of last week, while at no time latterly has its interest been directed to the oil, and it looks as though tallow would continue taking its attention. It will be found when the shipments of oil are all made from the purchases thus far this season, that an for by Europe since the new crop has been on sale, but it will take the month of December to bring this out clearly, as an extensive business had been done for that month's delivery, while it is believed that for most of it freight room had been secured in advance of its scant offerings and high rates, and that there is little probability that exporters will be compelled to resell any material portion of it upon the markets in this country. Then, again, as concerning the absorption of the outputs of oil for this season thus far, the Western lard refiners and soapmakers have taken such liberal quantities that it is likely that quite as much oil has been marketed since the beginning of the new crop year as in the previous year for the same time at least, and that now, as before remarked, it is a matter more of the extent of the production in the remainder of the season in relation to the prices likely to be obtained for the product. It is hard work to buy in Texas crude in tank cars under  $13\frac{1}{2}$ ¢, although some sales had been reported there at 13, while in the near Atlantic States  $13\frac{1}{2}$ ¢ is bid by the lard refiners, while they find little on offer under 14. There have been sales of 10 tanks in Texas at  $13\frac{1}{2}$ ¢ and 12 tanks at the near Atlantic mills at  $13\frac{1}{2}$ ¢. But the outside prices are now oftener asked, while not less than  $14\frac{1}{2}$ ¢ would be accepted by some of the Atlantic mills and 14 in Texas. In New York there were sales rumored of prime yellow, in bbls., up to 22, but at  $21\frac{1}{2}$ ¢ there was a moderately active trading with exporters. The course of the market on the several days since our last report has been as follows: On

Saturday last prime yellow, in barrels, in New York was held at  $21\frac{1}{2}$ ¢, and 300 bbls. sold at that, although it was hard to get bidding over  $21\frac{1}{4}$ ¢. Crude in barrels here was offered at 18, and 200 bbls. taken. On Monday there was a little buying interest from the Mediterranean market for refined in barrels upon the New York market, and one line of 2,500 bbls. taken at  $21\frac{1}{2}$ ¢ for prime yellow; also 400 bbls. more at that price; 200 bbls. white at  $24\frac{1}{2}$ ¢ and 750 bbls. prime yellow in New Orleans, for export, at  $21\frac{1}{2}$ ¢. There were also then sales of crude in tank cars at Texas mills at  $13\frac{1}{2}$ ¢, and sales of the latter at the Atlantic coast mills at  $13\frac{1}{2}$ ¢. Other sales were 600 bbls. yellow, special brands, upon the New York market at  $22\frac{1}{2}$ ¢. On Tuesday there was a little further demand from the Mediterranean for prime yellow upon the New York market, and 1,100 bbls. taken at  $21\frac{1}{2}$ ¢, while there were sales of 600 bbls. white at  $24\frac{1}{2}$ ¢, and 6 tanks crude at near Atlantic coast mills at  $13\frac{1}{2}$ ¢. Sales of 400 bbls. crude upon the New York market at 18. On Wednesday it was learned that the two extra steamers put on for French ports had had their room very well engaged, although there was some further accommodation to be had. This extra room had started the little trading that had been noted for a couple of days, but on that day there was a quieter feeling among exporters, although 750 bbls. prime yellow were taken at  $21\frac{1}{2}$ ¢, at which there were further sales. Crude in barrels that day had sales of 150 bbls. in New York at 18. Crude in tanks at the mills had further demand at  $13\frac{1}{2}$ ¢, along the near Atlantic sections, while 14 was firmly asked, and even  $14\frac{1}{2}$ ¢. It looked upon that day as though the market was steady at the slight advance that had been made, but that buyers were becoming more indifferent over the offerings.

(For Later Report see Page 42.)

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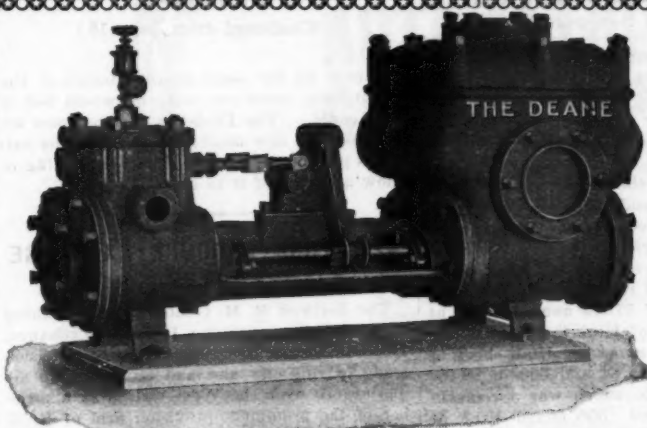
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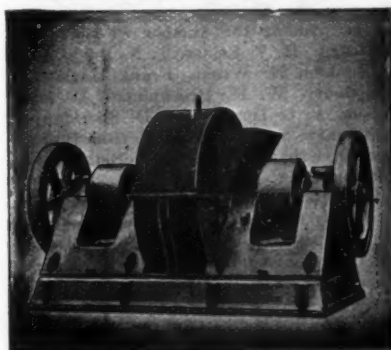
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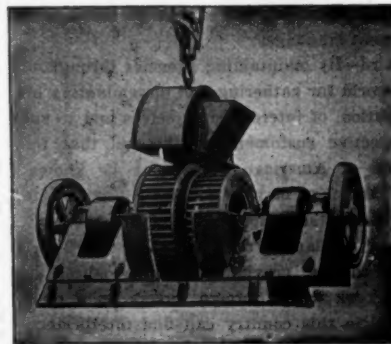
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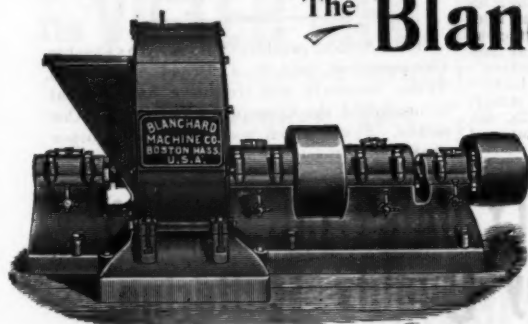
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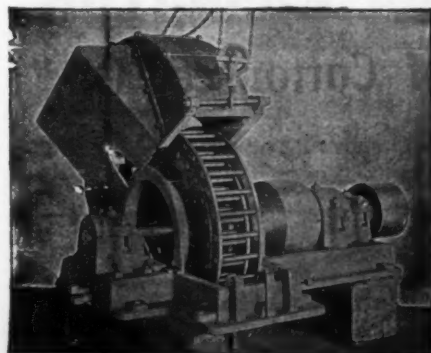
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To bring American producers and foreign buyers together:

**First**—By obtaining and circulating among its members the latest and most authentic information regarding foreign markets; the names and addresses of reliable buyers; the inauguration of new enterprises likely to require American goods.

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**Third**—By maintaining agencies throughout the world for gathering and disseminating information, of interest to ourselves and to our prospective customers, to the end that the merits of American goods may be known, and that they may be as easily procured in any market as is now possible with the products of England, France and Germany.

**Fourth**—By providing suitable offices in New York where foreign buyers upon their arrival in this country can find interpreters, obtain information, and meet the representatives of American manufacturers—all foreign correspondents to work in close connection with this office, thus forming an intelligent, far-reaching machinery for influencing trade.

**Fifth**—To furnish members translations of correspondence, information regarding customs laws and their changes, to answer inquiries regarding transportation, exchange, insurance and credits. To promote communication and reciprocity between the United States and foreign countries. To co-operate with and supplement the efforts of other organizations to the end of enlarging our export trade. The trend of the world's development is in our direction, and with intelligent and persistent effort, the center of exchange can gradually be transferred to this country, with all that it implies.

**Sixth**—The United States form the greatest producing country on the globe; our capacity to produce is fast exceeding our ability to consume; our fields, forests, mines and factories can supply the world; the ingenuity of our inventors is proverbial; the quality and utility of our products are recognized wherever introduced; with increasing facilities of communication "the field is the world," and with intelligent effort we can command a reasonable share of the world's trade. It will be the constant aim of the United States Export Association to make every effort to acquaint foreign countries with the greatness of this country and its ability to supply the world's wants.

Respectfully submitted,

U. S. EXPORT ASSOCIATION,  
F. B. THURBER, President,  
148 Chambers Street, New York.

Correspondence solicited.

## KANSAS CITY LIVE STOCK REVIEW.

(Continued from page 19.)

purchased by the outside purchasers as follows: Omaha 12 cars light hogs, Cedar Rapids 4 and Nebraska City 4 cars. The average growing heavier last week, showing 224-lbs, but still lighter than same week last year, 243-lbs.

**SHEEP.**—During the first week there was a scarcity of sheep and therefore prices paid were very good indeed, and some native lambs tipped the market of 82-lbs average at \$6. Some 81-lbs average selling at \$5.75. Native muttons sold readily at \$4.75. Some Kansas yearlings of 77-lbs average sold at \$4.90. And a bunch of Utah lambs of 60-lbs average went at \$5. Some 774 Utah sheep of 91-lbs average sold at \$4 and 500 of 88-lbs average sold at \$4.50, which was a remarkable good price indeed. 550 mixed Utah of 83-lbs average at \$4.70. 1,437 Utah's of 99-lbs average sold at \$4.20. On Saturday, however, the market on Utah's broke a little and 682 lambs of 57-lbs average sold at \$4.65, while 1,014 sheep of 120 sold at \$4.40. Some fed Texas yearlings of 65-lbs average sold at \$4.20. 669 fed New Mexican ewes, of 61-lb average sold at 3.15. 400 New Mexican ewes of 78-lb average sold at \$3.80. Some Oregon sheep of 94-lb average sold at \$3.85. A bunch of 500 New Mexican stock ewes of 90-lbs average sold at \$3.25. A bunch of 299 Utah stock lambs of 52-lbs average sold at \$4.60. Though at the end of the week the prices paid were very good ones indeed; in fact the best that we have had on the market.

## LIVERPOOL QUOTATIONS.

Liverpool, Nov. 26—3:45 P. M.—Exchange Closing.—Beef—Extra India mess, firm, 65s. 3d.; prime mess, firm, 56s. 3d. Pork—Prime mess fine Western, firm, 47s. 6d.; prime mess medium Western, steady, 45s. Hams—Short cut, 14 to 16 lb, steady, 32s. Bacon—Cumberland cut, 28 to 30 lb, dull, 35s.; short rib, 20 to 24 lb, steady, 35s.; long clear middles light, 35 to 38 lb, dull, 35s.; long clear middles heavy, 40 to 45 lb, dull, 35s.; short clear backs, 16 to 18 lb, easy, 30s. 6d.; clear bellies, 12 to 14 lb, steady, 36s. Shoulders—Square, 12 to 14 lb, steady, 28s. Lard—Prime Western, dull, 22s. 3d. Cheese—American finest white and colored, dull, 42s. 6d. Tallow—Prime city, firm, 18s. Cottonseed Oil—Liverpool refined, dull, 14s. 9d.

## PERSONAL.

(Continued from page 18.)

it would be for some establishments if the credit men could not talk, or would not if they could. The Probecks are just now interested in a new machine, for which the patent is pending, they say. They are willing to show a sketch of it to those who call.

## NFW YORK PRODUCE EXCHANGE NOTES.

The death of R. M. Gedney was announced to-day (Friday) at the Produce Exchange. He was well known by the entire provision trade of this city and had an extensive acquaintance over the West. He was a member of the prominent provision firm of B. G. Coles & Co. Many members of the Exchange spoke of the esteem in which he had been held and of his high honor in all business dealings.

Visitors to the Exchange were numerous this week. Among the number we noticed from Chicago: H. V. Lester, T. N. Bush, A. Valentine, John H. Wrenn, Frank Harlow, Sed Woodbury, W. H. Broenman, D. E. Richardson, A. L. Duc and A. D. Sheridan; from Cincinnati, Sam W. Werdler; from Buffalo, Geo. P. Urban and James McBeth, and from Boston, E. A. Elliott.

Memberships are quoted at about \$200, although it may be doubtful they could be sold at that, yet an even higher price is asked. Some of the recent outside auction sales have been at a lower figure.

There were proposed for membership this week: George E. Heilig (Wilcox Lard and Refining Co.), proposed by Carl Dreier; John F. Werner (butcher and pork packer), proposed by John W. Burrows; Fred Tiedeman (general export and commission), proposed by Edmond Lorbacher; Solomon Polok, proposed by R. Nittner; and John Craig Morrow (journalist), proposed by A. L. Russell.

H. L. Scales, president; R. K. Waxahachie, vice-president, and T. J. Broad, of Paris, Texas, secretary and treasurer, have formally organized the Consumers' Oil Co., of Corsicana, Tex., which was recently incorporated.

## THE CAPITAL CITY DAIRY CO., COLUMBUS, OHIO. CHURNERS Fancy Quality Butterine.

**\$3.00 \$3.00 \$3.00**  
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Send C. O. D. by express, one copy of your book

## "The Manufacture of Cottonseed Oil,"

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## THE SCHÖNLAND AUTOMATIC CASING APPLIER.

**WEIGHT, 20 lbs.**



Sausage manufacturers have for a long time been looking for a machine to run the casings on to the tubes of stuffers. Here we have it, and it will do the work as well as it can be done by hand and in very much less time, thereby saving labor and time, as with this machine one man can stuff as many sheep or hog casings as three or four men can link, besides doing away with the most tiresome work there is in stuffing sausage.

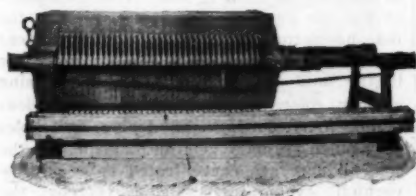
The machine takes practically no power to run, only a 1/4-inch round belt, the same as a sewing machine, and uses no more power than a sewing machine. It does not need an extra operator, as the machine can be used by either one or two men on steam, power or hand stuffers and is never in the way, because when the machine has put on a casing it immediately rises up by itself 8 inches and stays there until needed again. It will run on about 100 feet of sheep or hog casings in about 7 seconds and will handle tender casings just as delicately as the hands of the workman. Two lined wheels go with each machine, but it is only necessary to have one of them on the machine, even when two men are working it; so there is always one wheel in reserve.

A glance at the cut opposite shows the machine at work and after it has put on a casing.

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**William R. Perrin & Co.**  
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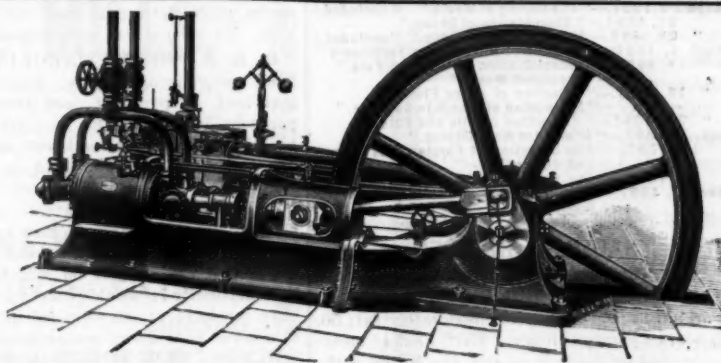
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BE FOUND ON PAGE 45.**

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For increasing the yield of ammoniates  
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## TECHNICAL. THE PACKING HOUSE.

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Included in the series of articles on *The Packing House*, the following subjects have been exhaustively treated on the dates indicated:

- Dec. 26, 1896.—"The Manufacture of Sausage Casings and Packing Same." No. 2.  
Jan. 2, 1897.—"The Manufacture of Sausage Casings and Packing Same." No. 2.  
" 9, 1897.—"The Manufacture of Sausage Casings and Packing Same." No. 3.  
" "About Beef Excess." No. 3.  
" 16, 1897.—"On Cutting Meats (Pork)." No. 3.  
" 23, 1897.—"The Necessity of Cleanliness in the Handling of Perishable Products." No. 3.  
" "American Swine." No. 3.  
" 30, 1897.—"American Swine." No. 2.  
Feb. 6, 1897.—"The Preparation of Blood Albumen." No. 3.  
" "American Swine." No. 3.  
" 13, 1897.—"Proper Ventilation in Packing Houses." No. 2.  
" 20, 1897.—"Proper Ventilation in Packing Houses." No. 2.  
" 27, 1897.—"Proper Ventilation in Packing Houses." No. 3.  
March 6, 1897.—"Proper Ventilation in Packing Houses." No. 4.  
" 13, 1897.—"Proper Ventilation in Packing Houses." No. 5.  
" 20, 1897.—"Proper Ventilation in Packing Houses." No. 6.  
" 27, 1897.—"Steer and Heifer Beef." No. 2.  
April 3, 1897.—"Steer and Heifer Beef." No. 2.  
" 10, 1897.—"Manufacture of Oleo Oil." No. 2.  
" 17, 1897.—"Manufacture of Oleo Oil." No. 2.  
" "Steer and Heifer Beef." No. 3.  
" 24, 1897.—"Manufacture of Oleo Oil." No. 3.  
" "Expert Beef Trade." No. 3.  
May 1, 1897.—"Manufacture of Oleo Oil." No. 4.  
" 8, 1897.—"The Scouring of Wool." No. 4.  
" "Manufacture of Oleo Oil." No. 5.  
" 15, 1897.—"Baller Compounds." No. 4.  
" 22, 1897.—"The Scouring of Wool." No. 2.  
" 29, 1897.—"Steer and Heifer Beef." No. 4.  
June 5, 1897.—"Steer and Heifer Beef." No. 5.  
" 12, 1897.—"Steer and Heifer Beef." No. 6.  
" 19, 1897.—"The Process of Thawing Frozen Meats." No. 7.  
" 26, 1897.—"Steer and Heifer Beef." No. 7.  
" "Manufacture of Lard and Allied Products." No. 7.  
July 10, 1897.—"Early Lamb Raising." No. 7.  
" 17, 1897.—"No More Hog Cholera." No. 7.  
" 24, 1897.—"The Smithfield Ham." No. 7.  
" 31, 1897.—"The Curing of Meats." No. 7.  
August 7, 1897.—"The Curing of Meats." (Concluded.) No. 7.  
" 21, 1897.—"Slaughtering of Sheep." No. 7.  
" 28, 1897.—"Slaughtering of Sheep." (Concluded.) No. 7.  
Sept. 4, 1897.—"Sources of Nitrogenous Fertilizers." No. 7.  
" 11, 1897.—"Identification of Oils and Fats." No. 7.  
" "Preserved Meats." No. 7.  
" 18, 1897.—"Detection of Horse Flesh." No. 7.  
" "Estimation of Starch in Sausage." No. 7.  
" 25, 1897.—"Extraction of Oils and Fats." No. 7.  
Oct. 2, 1897.—"Alfalfa for Hog Raising." No. 7.  
" 16, 1897.—"The Detection of Foreign Fats in Lard and Butter." No. 7.  
" 23, 1897.—"The Feeding of Cattle." No. 7.  
Nov. 20, 1897.—"The Influence of Antiseptics on the Digestion." No. 7.

### SAUSAGE RECIPES.

#### Cob'enzer Knack Sausages.

Use  $\frac{3}{4}$  or  $\frac{1}{2}$  lb of pork, according to price. For 100 lb use 50 lb pork, moderately fat; 50 lb beef of young animals. Each kind of meat is chopped up coarsely on the day before with the required quantity of salt and saltpeter, using about 53 oz. of salt and 2 $\frac{1}{2}$  oz. of saltpeter. First chop the beef; then add the pork and spice as follows: 5 $\frac{1}{4}$  oz. white ground pepper; 14-10 oz. mace, finely ground; 1 $\frac{1}{4}$  oz. white ginger, finely ground; 1 $\frac{1}{4}$  oz. allspice, finely ground; 10 shallots; 10 pieces of garlic rubbed up with salt. All well mixed and incorporated with the mass.

Now chop until the fat appears in dice of about pin-head size; add water, as much as it will bear, knead well until all is absorbed and the mass appears solid again; it is advisable to add 20 per cent. of pounded meat. Knead up well for half an hour from right to left; fill into narrow hog casings, not too tightly and twist off, about 5 to 6 sausages to a pound. Allow to dry in a good draught, on sticks for several hours; in winter in a heated room; put into hot smoke of 100 degrees F. Use oak and beech shavings mixed with a few fir shavings. Smoke until of a bright yellow-red color, which will take about three-quarters of an hour. It is advisable to use small smoking rooms. Cook only when desired, for 6 to 8 minutes in boiling water until they appear firm to the touch. These sausages are especially in demand by restaurants and saloons.

### ANSWERS TO CORRESPONDENTS.

We gladly and as promptly as possible answer all reasonable questions in this column sent to us by our SUBSCRIBERS or ADVERTISERS.

Answers desired by mail should be accompanied by a stamped, addressed envelope.

Persons desiring not to be known as making an inquiry should add a *nom de plume* to their questions. By so doing they will avoid identification in this column. The correct name and address should, however, for the publisher's satisfaction, accompany each request for information.

B. X. T., GALVESTON.—A complete series of articles on the manufacture of cottonseed oil appeared in the columns of "The National Provisioner" in 1895. Same has been published in book form, and will be sent to your address on receipt of \$3.25, cost of book and postage.

SUBSCRIBER.—An excellent vinegar for tripe, feet, etc., may be made as follows, at very little cost: Acetic acid, 5 lb; molasses, 2 gallons; yeast, 2 quarts, to about 35 gallons filtered water (rain water is best); stir well and allow to stand about two weeks in a warm place, letting it have all the air possible. To strengthen, add molasses.

R. E. B., SOUTH CAROLINA.—A very good recipe is as follows: Twenty per cent. leaf lard, 12 per cent. lard stearine and 68 per cent. back fat. This is a very good combination for a first-class kettle rendered lard. Draw hot to tins and cold as possible to tierces.

GLUEMAKER.—We are to issue a book shortly on the "Manufacture of Glue and Gelatine," in which will be discussed in all its phases the subject on which you desire information. It would take up more space than we have at our disposal in this column to answer your query comprehensively.

D. Y. S., NEW YORK.—Beef tallow, and, in fact, all animal and vegetable fats and oils, do not contain glycerine as such, or in a free state, but they do contain glycerine combined to the fatty acids. It is, however, impossible to extract the glycerine from the fat, or separate the glycerine from the fatty acids without altering entirely the constitution of the remaining portion of the fat. The amount of glycerine which can be separated

out of any fat varies considerably. The separation of a fat into free fatty acids and glycerine, is always accompanied by absorption of water. A fat may, for example, yield 95.7 per cent. free fatty acid and 10.3 per cent. glycerine, the increase being due to water absorption, or, rather, the chemical building of the elements of water.

## MANUFACTURE OF GLUE

### SECOND SERIES

## THE MANUFACTURE OF PIG'S FOOT GLUE.

(Continued.)

If it happens that a liquor is strong in acid, or that it appears cloudy, milky, not settled, then old milk of lime, or, better still, milk of magnesia, is added to the liquor and thoroughly intermixed by stirring. The lime or magnesia not only neutralizes the excess of acid; they also bring about the formation of insoluble phosphates, which in settling to the bottom of the receiver, envelop, or at least carry with them all the undesirable suspended particles. The temperature of the glue liquor should not exceed 140° F. when lime or magnesia is added. The grease should also be previously removed; otherwise the liquor does not clarify properly. To some extent a weak solution of ammonia can be used in place of the milk of lime. After two hours of rest the glue liquor is perfectly clear; the lime has formed a heavy sediment. The clear liquor is allowed to run to the coolers, either in the now clear condition, or after being slightly colored with zinc, etc. The clear liquor, after cutting and drying, resembles very much ordinary gelatine. Frequently the clear liquors are concentrated in a suitable vacuum evaporator, raising thereby the density to 8° B $\acute{e}$ . This concentrated liquor is colored and run in coolers. The coloring material usually employed is finely ground zinc white, either of French or domestic manufacture. The zinc white is usually added in form of dry powder. It is preferable to add the zinc white in form of a thin paste, prepared by grinding some zinc white with water. Zinc white in this form goes furthest in coloring power. French zinc white is higher in price than the domestic article, but gives the best results. The jelly after properly setting in the cooler, should be cut with wire machines only, if the desired gloss, smooth and bright, is to be obtained. The drying process should be conducted at a comparatively low temperature, in order to preserve the good appearance of the glue. The dry shreds are crushed and packed in large size barrels. The second run of glue liquor off the pig's feet, which should be prepared and handled in the same manner as the first run, gives a product of yellowish color. Occasionally the first and second runs are united and handled together.

The last runs off the pig's feet furnish "bone" glue. Acid is used in the cooking; the temperature in the cooker is raised to 212° F.

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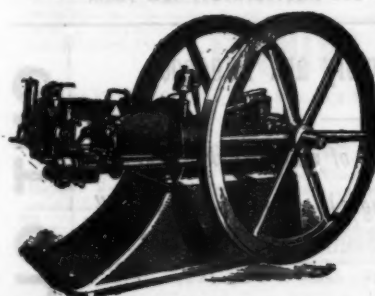
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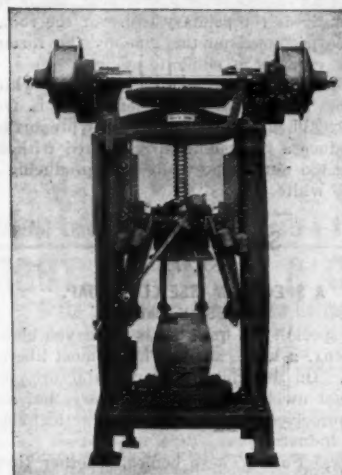
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Mr. John S. Oram, Cleveland, Ohio.

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WANT AND FOR SALE ADS can be found on PAGE 45.

## TECHNICAL.

The sulphuric acid used in this process should be frequently tested; its density should not exceed 1° Baumé (cold) and should be free of an excess of sulphuric acid, the latter frequently is the primary cause of the rough surface produced on the glue by the formation of crystals of sulphate of lime.

Coloring the glue liquors with zinc white requires practice and experience. It is frequently difficult to strike the right proportion to produce a glue sufficiently colored without adding too much zinc white, and producing a "dead" white.

### SOAP MAKING.

No. 71.

#### A SPECIAL MARSEILLES SOAP.

By T. Seeligmann.

The specialty in question is the savon blanc mousseux, a white soap giving a most liberal lather. In describing its manufacture we shall not dwell too much on theory, but occupy ourselves mainly with the practical side of the industry.

**Neutral Fats.**—These bodies, whether they be of vegetable origin, like olive, cottonseed, earthnut, colza, castor, cocoanut and palm oil, or of animal origin like lard and tallow, are all compounds of the same substance—glycerine—and of the divers fatty acids in varied proportions, though simultaneously existing in each of the fats. Among these we need only cite the principal, which are stearic, margarine, oleic and palmitic acids.

Chemically pure neutral fats are thus glycerides, and constitute a mixture in indefinite and varied proportions of stearine, margarine, oleine, palmitine, etc.

We shall see presently that this diversity in the proportion present of these bodies is the essential factor which causes us to choose this or that fat in preference to this or that other for a particular industrial application. These glycerides have the singular property of being able to split up more or less easily into glycerine and fatty acid, fixing at the same time the elements of water, and forming with these acids the basic salts known as soaps, while the glycerine remains isolated, and incapable of uniting anew with the fatty acid with which it was primarily combined in the form of a neutral fat. This reaction is technically known as saponification. It can take place on contact of the fat with water heated to 220° C. in an autoclave, or in the presence of super-heated steam at 300° C., or in the presence of an energetic acid, sulphuric or hydrochloric, for instance, at 100° C.

Again, this splitting up may take place in the presence of an energetic base, with or without the intervention of heat. In this case, however, otherwise than in the preceding reactions, the fatty acid, as it disassociates from the glycerine, promptly unites with this base to form a soap with it. The soap thus formed is a soluble or insoluble salt according to the nature of the intervening base.

There are thus two sorts of soap, those insoluble in even boiling water, as when, for instance, the base is lime, magnesia, alumina or lead, and those soluble in cold water, of which the base is ammonium, potassium or sodium. It is this latter category with which alone we concern ourselves in this article.

When from one cause or another a soap has become too hard in the process of manufacture a slight addition of carbonate of potash will immediately remedy the defect; and the other way about, when a soft soap is too liquid the necessary degree of firmness can be given it by substituting a small quantity of carbonate of soda for the equivalent quantity of the caustic potash employed.

From what has been said the reader will understand that we are now about to treat only of soaps with a base of soda, that is to say, the hard soaps. As regards method of manufacture these are divisible into two chief classes—those into which saponification is obtained at a high temperature or by prolonged heating, and those got rapidly at a relatively low temperature.

**Hot Process Soaps.**—The soaps made by the hot process are again subdivisible into two perfectly distinct classes; first, those in which the glycerine has been completely eliminated, and the fatty acids have been saturated as exactly as possible by the base employed, so that there is no sensible excess of base or of acid; and, secondly, those in which the glycerine remains in the mass summarily saponified, and in which there remains a slight excess of acid or even of base. In the first case the soaps are known as liquidés, or liquidated soaps; in the second they are called empilage soaps.

The white mousseux (foaming) soaps are essentially liquidated soaps, and inasmuch as competition has not forced our manufacturers of the Mediterranean littoral to depart from scrupulously honest processes of manufacture, the white soap of Marseilles knows no rival, and even nowadays, when it is intended to designate an irreproachable white soap, Marseilles soap is always spoken of whether in the household or in the factory. A goodly number of brands turned out by the Phocæan city still continue to enjoy with justice their ancient renown. This is because the intelligent makers who produce the article are careful of their good reputation, and resist the universal tendency to make a larger profit at the expense of quality.

We cannot in the space at our disposal describe all the processes employed. To undertake such a task it would be first of all necessary to be in possession of all the professional secrets of each of the master soap boilers, an uncommunicative body, taking them all round. Moreover, the knack of these gentlemen often constitute the whole fortune of the works which they exploit. On the other hand, it is necessary that we should study to begin with, and most thoroughly, the properties of all the fatty matters that can be used, describe the rational methods of preparing the alkaline and saline-alkaline lyes, describe all the instruments or apparatus employed in the different phases of a boiling, and finally sketch the installation of a correctly designed soap works. It is, of course, a well understood thing nowadays that the economic success of a process depends largely upon the proper installation of the plant.

(To be Continued.)

Mr. Jerry C. Caldwell, of Danville, Ky., one of the largest dealers in fine beef cattle in the Blue Grass, was over in Cincinnati last week complaining that the best grades of Blue Grass beef cattle are off in price—bringing only 4¼ cents per pound. This has no political significance.

## THE BEARDEN PROCESS BUTTER.

The United States Department of Agriculture has made a report through the chief of the Bureau of Animal Industry, Dr. D. E. Salmon, regarding the recently patented Bearden process of making butter. This patent was granted to Rufus C. Bearden, of Knoxville, Tenn., as noted in our issue of Oct. 30. Three tests were made of the process, about seven pounds of material being used in each trial. When finished the products were sent to New York to be examined by the butter expert of the Dairy Division. No information concerning the packages was furnished, and the expert was requested to score them from a dealer's standpoint. He reported as follows:

"In relation to the three boxes of butter marked X, Y, Z, will say that upon examination of same my opinion is that it is what is known on our market as 'process butter,' and on that class of butter I can neither place a grade or score, as I have no rule to govern grade on manufactured butter under this process. It can not be classified as creamery, imitation creamery, factory, or dairy butter, and we have no grading on any other kind of butter except these kinds. I find these samples poor in flavor, the grain is badly broken, showing that it has been much over-worked, and is very salvy—consider it unfit for table use—only use that could be made of it would be to a cheap class of bakers' trade."

The report of the Department continues: "As a human food, the product can not be said to be better than butter, for the reason that it contains less fat and more water. Considering the large proportion of water which the product manufactured by this new process contains, it does not seem proper to call it butter, and it is a question whether it would be allowed to be sold as butter in States where pure-food laws are in force. Attempts have frequently been made to sell so-called butter of practically the same composition as this, and they have met with failure."

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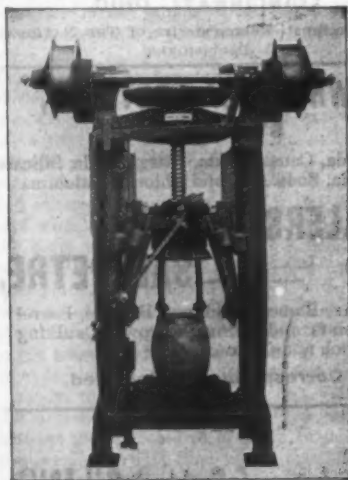
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## TECHNICAL.

### WASTE OF LARD, TALLOW AND OIL.

There is not a packinghouse or rendering works in this country which does not suffer from the loss of lard, tallow, oleo stock, during the hot season owing to use of old-fashioned wooden-hooped packages and barrels. We know of instances where, owing to a then general depression in the markets, packinghouses and rendering works were compelled to store their accumulations of tallow and lard in sheds in the open air, and where, owing to the great heat, a constant leakage took place, the tallow and lard respectively running off in a constant little stream, until the loss from shrinkage became very serious.

Now all of this could be avoided if an iron-hooped tight package was used universally. It may be said truthfully that iron-hooped packages are more expensive, but, on the other hand, they last longer and retain their value everywhere. It was the custom of former days to send oleo stock and oleo oil to Rotterdam and Germany in wooden-hooped barrels, the receivers on the other side objecting to the iron-hooped barrel until they found out that these packages were more durable and salable than the other kind, and now oleo stock or oil which does not arrive in iron-hooped barrels are not considered to be of standard quality. An invention has recently been made which largely reduces the cost of iron-hooped barrels. It is a machine which drives the hoops on the barrels in quick order. The hoops can be adjusted to any size of barrel, from the oil barrel down to the casings and tripe keg, and it was recently installed very successfully with Armour & Co. and other packinghouses making lard oil, and also with a number of cottonseed oil mills, since it is a great labor saver.



GIANT THIN HOOP DRIVER.

This cut illustrates the machine to an extent. It shows it thrown open to receive or remove the barrel. It is beyond question the most simple and effective machine ever invented for the purpose. It breaks no hoops, unless such hoops are too weak for practical use, in which case it is best that they should be broken. This result is accomplished by setting the heavy circular plate on a series of strong rubber springs, which springs can be compressed to any given weight or pressure. Any pressure applied to the hoop beyond this point immediately acts upon fulcrumed lever, the end of which is shown at left of machine, causing it to act quickly through the connections, as shown, in an upward direction, pressing upward the back end of hand lever that operates the friction clutch,

thus disengaging said clutch and stopping machine at once. The drivers are ten in number, each entirely independent of the other. They are held against the barrel by force of gravitation, acting through the weights attached to each lever. No matter how much a barrel may be out of round, the drivers are sure to catch the hoop. The machine drives the hoops perfectly level with the chine of the barrel and the hoops level with each other. It is easy to operate; no little fixings, like carriage bolts, springs, etc., to get out of order. The Standard Oil Co. has 125 of the Oram Barrel Drivers in use, and the capacity of these machines already sold amounts to 60,000,000 barrels per year. Mr. John S. Oram, Cleveland, O., the inventor and patentee of the machine, keeps them always in stock, and should be applied to for further information.

Our readers will find in the advertising columns a letter from Armour & Co., in Chicago, telling how satisfactorily the machine works there. Mr. Oram keeps on hand and manufactures a number of other machines and appliances necessary in the cooperage department of a packinghouse, rendering works or oil mill.\*\*\*

### The Provision Merchants Victorious.

(By Cable to "The National Provisioner.")

BERLIN, Germany, Nov. 26.—The action brought against the police authorities of Berlin in connection with prohibiting the provision and grain merchants from holding meetings at the "Feen Palast," has resulted in a judgment rescinding the police order and charging the costs of the proceedings to the State Treasury. (We congratulate the Berlin provision trade on this result.)

### CONDITIONS AFFECTING EXPORTS OF AMERICAN BUTTER.

(Excerpt from Secretary Wilson's Annual Report.)

From the present outlook, the whole matter of future foreign markets for American butter depends upon the question of price. English merchants are rapidly learning, and those of other countries can be similarly taught, that they can get all the butter they want from the United States, and of a quality unsurpassed, if they will pay enough for it. But the supply of fine butter in this country is irregular in quantity and our home demand fluctuates, so that the highest grades are at times obtainable at prices which offer a tempting margin for export, and a few months later the same grade of butter sells for about as much in Chicago and New York as it would in London. While these uncertain conditions exist, no regular export trade of importance is likely to be established. Neither merchants nor consumers like change of kind in their supply of butter. A reliable supply of uniform quality is an essential condition to a regular trade. It costs 2 or 3 cents a pound, and sometimes more, to carry butter from an American creamery and sell it in Liverpool or London.

A comparison of market quotations in England and the United States month by month shows that at times there are strong inducements for exporting butter and none at all at other times. In July last the wholesale price of the best creamery butter in New York was 15 cents, while at the same time butter of equal quality was worth 20 to 21 cents in London. From that time to the present writing butter has advanced over 50 per cent. in value in this country, while in London the ad-

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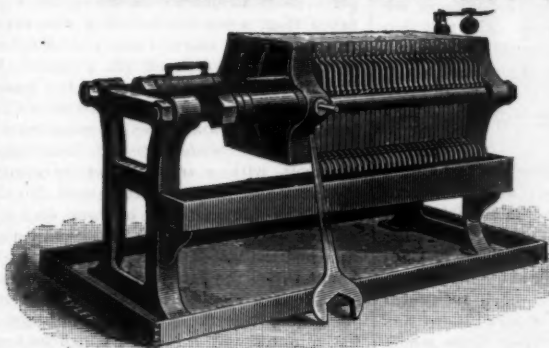
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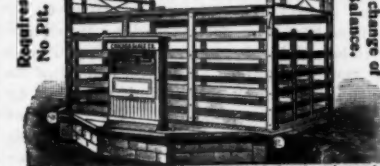
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Hundreds of specialties at less than Wholesale prices, viz:  
Sewing Machines, Bicycles, Organs, Pianos, Cider Mills, Carriages, Carts, Buggies, Harrows, Saws, Bone Mills, Letter Presses, Jack Screws, Trucks, Anvils, Hay Cutters, Press Stands, Feed Mills, Stoves, Drills, Hand Pumps, Lawn Mowers, Coffee Mills, Forges, Lathes, Pump Carts, Corn Shellers, Band Saws, Engines, Tools, Wire Fences, Panning Mills, Crow Bars, Boilers, Watches, Clothing &c. Hay, Stock, Elevator, Railroad, Platform and Counter SCALES. Send for free Catalogue and see how to Save Money.  
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**Ice Dealers.**

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DEPOT, Foot 34th St., N. Riv., NEW YORK.

Refer to:—J. M. Horton Ice Cream Co. G. F. & E. C. Swift, Armour & Co., The Hammond Co., Armour Packing Co., Nelson Morris & Co., Schwarzschild & Sulzberger Co., Kingan & Co., Eastman's Co. of New York.

**BEST CASH PRICES**

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CORRESPONDENCE SOLICITED.

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1159-1160 ELSTON AVENUE, CHICAGO, ILL.

**DICKMAN & MACKENZIE,**  
**CHEMISTS,**

Analyses of Fertilizers, Oils, Waters and Packing House Products.

Telephone, Harrison 198. Orders by mail promptly attended to.

OFFICE AND LABORATORIES,  
1224-1228 ROOKERY BUILDING, CHICAGO.

vance during the same period has been only 20 per cent.

#### Contracts Abroad for Entire Butter Products.

A private dairyman often finds it to his advantage to contract the butter product of his farm to a good customer at a fixed price for the year. Sometimes he gets less than he might obtain temporarily elsewhere and sometimes more, but the year's average is satisfactory. Others, including creamery men as well as dairy men, are quite contented to follow the regular market price if their customer will take the entire product, week by week. From the investigations already made, it is evident that American creameries which do not find a sufficiently regular and satisfactory market for their butter product throughout the year, but are willing to accept ruling market prices, can arrange for disposing of their entire output to foreign merchants on terms quite as advantageous as those obtainable in this country.

#### Further Experimental Exports of Butter Desirable.

As already stated, the trials made the present season have been confined to the London market. The results obtained thus far seem to make it desirable to continue these experimental exports of butter enlarging the field of operations to include other points in Great Britain, which present peculiar local features, as well as selected markets on the Continent of Europe.

It may become expedient to make similar efforts to extend the markets for other perishable commodities, the products of American farms, such as poultry, eggs and fruit.

#### THE OTIS TUBULAR HEATER.

In drawing particular attention to the advertisement on another page of the Otis tubular heater, manufactured by the Stewart Heater Company, Buffalo, N. Y., we have before us a long list of the firms using this heater, and in every case the guarantee given by this firm has been satisfactorily carried out and indorsed by the users. Have you read what they guarantee? Are you a user of an ice machine, or any other kind, supplied by steam power from a boiler? Do you want to save about 25 per cent. on your coal bills and nearly 50 per cent on the wear and tear of your boiler? If so, then it must be clear to a person, even of the least experience in such matters, that to have the water introduced into the boiler at 210 degrees to 216 degrees, or nearly boiling point (as it is by the use of this heater), it must occasion a great saving in the fuel used to generate steam. Again the water is cleansed by passing through this heater, and it is impossible for scale to form on the inside of any boiler; also that by its use it collects and carries off the scum from the surface of the water, and the condensation and oil from the exhaust. Ask your engineer the advantages of such a heater, or drop a card to the manufacturers for catalogue and prices, which are discount for cash, or on easy terms, and if the heater fails to give satisfaction they will pay freight, cartage and all expenses both ways. What more liberal offer can they make? \*\*\*

#### THE UTILITY CO. BRANCHES OUT.

The Utility Code Company, of Milwaukee, Wis., has established a supply depot at 60 North Market street, Boston, which will be under the name of the "New England Branch." The Chicago agency of the Utility Company is in the Board of Trade Building.

—E. F. Kenyon, pork dealer and packer, 364 Main street, Poughkeepsie, N. Y., has started up his refrigerating plant, built and erected by the Remington Machine Co., Wilmington, Del., and operated by an electric dynamo. He uses direct expansion.

#### FOREIGN NOTES OF INTEREST.

The policy of exclusion of American products demanded by the German Agrarian party has had the effect of forcing pork in Germany up to 18 cents a pound wholesale and from 25 to 40 cents per pound retail, and a movement is on foot to ask the government to suspend its tariff war with the United States. The extreme demands of the German Agrarians might be unheeded by the government in the interest of all of its tax-ridden subjects.

Frozen rabbits from Australia are being used in large quantities in England. There is no reason why the poor of London should not benefit by the pests of the Antipodes.

According to the German official reports not a single head of American cattle, nor a pound of American beef, has been imported into the empire since Oct. 14, 1894. "Sanitary" regulations are evidently more effective barriers to trade than even sky-high protective tariff walls. The slumbers of German "sanitarians," however, will most likely be disturbed by the report that the first shipment of American butter has arrived at Hamburg in prime condition and sold at good prices. Nobody need be surprised if the German official bacteriologists should prove equal to the emergency and find a new danger to the public health because of the presence in the American dairy product of the butter making microbe, known to scientists by the name of *micrococcus butyri-aromafaciens*. The fact that this microbus is contained in all butter will make no difference. Only American butter will be examined; and as to the German product—where ignorance is bliss it would be folly to be wise.

With Great Britain making approaches to the United States in behalf of a treaty of commercial reciprocity with the British West Indies, with Sir Wilfrid Laurier opening negotiations of similar import on behalf of Canada and with several of the Spanish-American republics seeking to establish reciprocal relations with the United States, there has been awakened a greater interest in the whole subject of reciprocity than has been seen for some years. There bids fair to be an effective and advantageous application of the principles of fair exchange which the present tariff law has again made possible.

Canadian packers gave prizes at a recent show for the best bacon hogs and awarded the prize to hogs under 200 pounds, long in body, deep in sides, light in bone, in good meaty condition, but not over-fat.

How greatly the times have altered is shown by the circumstances that recently witnessed the inauguration of the export of fresh meat (frozen) from London to the Cape, the steamship *Nineveh* having taken on board 1,600 quarters of Bowen (Queensland) beef, and 2,000 carcasses of River Plate mutton, for conveyance to Cape Town, South Africa. The most noteworthy feature of this transaction is that the meat could be purchased in England at a much lower rate than in the countries of production. Beef at 2½d. per lb and mutton at 2½d. per lb, free on board, could not be supplied at the colonies, but was procurable at home.

Consul Macbride at Edinburgh, says in a report to the State Department that it is claimed in that city that American frozen beef has a great sale, but that it is made clandestinely. It is asserted that large quantities of the article are brought to Edinburgh, sold to the butchers at 7c. a pound, and retailed at 20¢/22c. as home-fed beef.

\* The S. & S. Co. is reported as having acquired an option on a plot of land at Cleveland, Ohio, for the purpose of establishing a branch house there.

#### A Pig's Eyelid for a Man.

A remarkable surgical operation, which has been performed once or twice in Germany, but never before in the British Isles, was carried out recently in one of the principal factories of Dublin. The operation was the cutting from a pig, as the blood was pouring from its throat and life still remained, of an eyelid, and attaching it by stitches to a human patient. The subject of the operation, John Ryan, is an elderly man from Clonmel, County Tipperary. For nine years he was in the army, and served in India, where his eyelids became diseased, and he lost the sight of his right eye. The diseased portion of the left eyelid was cut away and the irritation to the eye being somewhat relieved, the sight was preserved. Ryan was then discharged from the army without a pension. This was in 1872. Since then the partly cut lid has been curling in on the eye, impairing the sight to such an extent that at length it became evident that the man would be afflicted with total blindness unless the irritation were speedily removed. For a time he was in the Clonmel Union Hospital suffering from ophthalmia, but some time ago the guardians sent him to the Ear and Eye Hospital, Molesworth street, Dublin, where Dr. Maxwell, having carefully considered the case, came to the conclusion that the only chance of saving his eyesight would be an operation of the kind performed. In order that the eyelid might be taken from a pig just killed, it was arranged to operate in a bacon factory, and a healthy animal was selected for the purpose. When Dr. Maxwell, Dr. Mooney and Dr. Large arrived at the factory Ryan was placed on his back on a table and his eye, having been carefully washed with antiseptic solution, Dr. Maxwell, with a small lancet, carefully slit the remaining portion of the eyelid. No chloroform was administered, but one doctor kept pouring cocaine into the eye, while another stanchied the blood. When the slit was almost completed to the satisfaction of Dr. Maxwell, Dr. Mooney stepped into the hall where the pig killing was going on, and returned in a few minutes with an eyelid which he had cut from the selected pig just as it was killed. This was washed in antiseptic solution and fitted to the bottom portion of the eyelid, and, having been cut so as to fit with perfect accuracy, was rapidly stitched with six stitches. The eye being then bound up, the operation was complete. It will not be known for some days whether the operation has been successful, but all the circumstances having been favorable, the utmost confidence is felt.

#### CANADA'S EXPORT TRADE IN HOGS.

Canada's export trade in hogs has risen in 25 years from a mere nothing, and in the more recent years of this period the increase has been by leaps and bounds. The increase is continuous, and, although Ontario farmers have gone into hog raising wholesale, the demand from Great Britain for Canadian raised hogs has outstripped the increase in the number raised, which does not nearly keep pace with the demand. This trade in the British market is unlimited, and it has been found highly profitable. The average price paid by packers for a 165-lb hog, which is the average live weight, is between \$8 and \$9. These hogs are about eight months old. A farmer raising 125 hogs, which is not a large individual number, and receiving \$1,000 for them, considers the business very attractive. The British demand is for grain-fed hogs; the product of the corn-fed hogs is not wanted, except at lower prices.

The total export of ham and bacon to Great Britain from Canada last year was 53,000,000 lb, valued at \$4,500,000. The hogs for export are nearly all raised at present in Ontario and Quebec.



**CHICAGO PROVISION MARKET.**

As we predicted in our last week's letter, the market for the present week has been very dull, scarcely any speculative trade and a gradual lowering of values. Ribs suffered the most, showing a loss of 20c. per 100 lb; lard 15c and pork 20c. a barrel. The best prices were made on Thursday. Then the prices slowly declined till Monday, when the hog receipts were only 38,000, 8,000 under the estimates. Then the decline was only checked for a day and scarcely any advance scored. Tuesday the hogs over-ran the estimates more than they under-ran them Monday, our market getting 40,000, with prices 5 to 10 lower. Seven Western packing points received 94,000 hogs, against 55,000 a year ago. These large receipts were more than the market could stand up under and the largest break of the week occurred. Wednesday there was another large run—42,000 here and 90,000 at the seven Western packing points, against 67,000 a year ago; but there was so little disposition to trade that there was no activity in the market, and values were unchanged from day before. As to the future course of the market, we can see nothing to change our views as expressed last week, viz., that the market is a sale on any small rally and don't go long until it's had a good, sharp break. Last year was not a prosperous one for the packers, and everything now points to the fact that they are working more in harmony and with a determination to wipe out last season's losses and pay a dividend this year. This they can do if they succeed in filling their cellars with stock packed from about 3½c. hogs and the probabilities are such priced stock would not be hedged by sales in the pit to its full amount. After the bulk of the hogs are packed and in the cellars, there will no one welcome an advance and work for it more than the packers and they are really the power in the market. The cash trade for the past week has been very poor; the South are only buying for dairy needs, and brokers generally report a very poor trade.

**SATURDAY, NOVEMBER 20.**

<b>PORK—(Per Barrel)—</b>			
December....	7.27½	7.27½	7.20
January.....	8.22½	8.22½	8.17½
<b>LARD—(Per 100 lb)—</b>			
December....	4.12½	4.12½	4.10
January.....	4.25	4.25	4.22½
<b>RIBS—(Boxed 25c. more than loose)—</b>			
December....	4.17½	4.17½	4.17½
January.....	4.22½	4.22½	4.20

**MONDAY, NOVEMBER 22.**

<b>PORK—(Per Barrel)—</b>			
December....	7.22½	7.30	7.22½
January.....	8.20	8.25	8.20
<b>LARD—(Per 100 lb)—</b>			
December....	4.12½	4.15	4.12½
January.....	4.25	4.30	4.25
<b>RIBS—(Boxed 25c. more than loose)—</b>			
December....	4.20	4.22½	4.20
January.....	4.20	4.22½	4.20

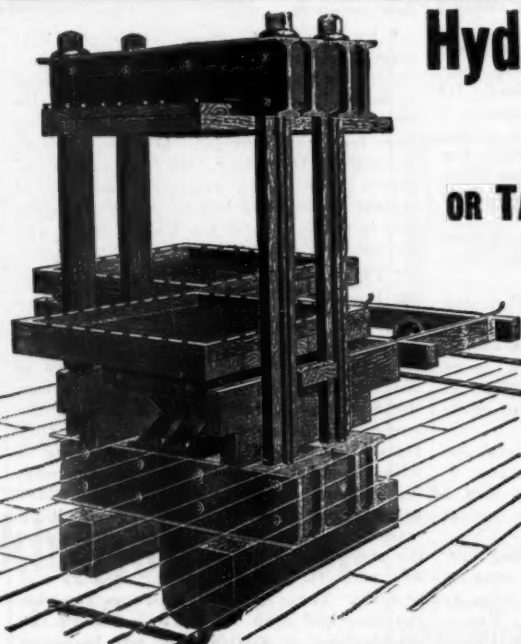
**TUESDAY, NOVEMBER 23.**

<b>PORK—(Per Barrel)—</b>			
December....	7.22½	7.25	7.17½
January.....	8.15	8.17½	8.12½
<b>LARD—(Per 100 lb)—</b>			
December....	4.10	4.12½	4.07½
January.....	4.22½	4.22½	4.20
<b>RIBS—(Boxed 25c. more than loose)—</b>			
December....	4.15	4.17½	4.15
January.....	4.17½	4.17½	4.12½

(Continued on page 38.)

**OUR NEW COUPON PASS BOOK**

Is not intended to do away with our regular **MERCANTILE COUPON BOOKS**, but is rather a leader to them, and eventually to cash. These books have leaves in front for the writing of articles purchased for the benefit of the customer, but the merchant has the advantage of coupons, merely charging customer with full amount of the book when issued. Send for sample book and prices.

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For REFRIGERATING and ICE-MAKING MACHINES.

Prevents condensation at all Temperatures and under all conditions. Send for information and testimonials.

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100 William Street, New York.

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**Want and For Sale ADS on Page 45.****KLEY ENGINEERING CO.**

231 West 42d Street, New York City.

**PACKING HOUSE MACHINERY OF ALL KINDS.**

EASTERN REPRESENTATIVE OF

V. D. ANDERSON CO., for Odorless Fertilizer Dryers.  
 STEDMAN FOUNDRY AND MACHINE WORKS for  
 Bone Crushers and Disintegrators.  
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Complete Outfits for Pork and Beef-Packing Houses, Oleo-Oil  
 and Butterine Factories, Lard Refineries, Fertilizer  
 Works, Meat Canning and Beef Extract Factories.

**REFRIGERATING PLANTS INSTALLED.**

### PACKING HOUSE MATTERS AND NOTES OF GENERAL INTEREST.

Persons contemplating the erection of packing houses or in need of packing house machinery will do well to make their wants known in this column. The foremost firms in the lines mentioned closely peruse the notes on this page, and prospective purchasers of machinery would be placed in immediate communication with them.

- \* Work on the Cudahy sausage factory at South Omaha is being pushed along rapidly.
- \* The Electrolytic Marine Salt Company has been incorporated at Portland Me., with a capital stock of \$10,000,000. The purpose of the company is to wrest from the sea the gold that is held in solution, according to the promoters' belief, by a jealously guarded secret process. The discoverer of the wonderful process is Rev. P. F. Jernigen. He says there is one grain of gold in each ton of sea water, and by handling billions of tons of the salty water the company expects to amass a fortune.

Mr. C. B. Hege, of Marion, Va., purchased near Roanoke, a carload of 31 "long yearlings," averaging 700 pounds per head. He reports Southern cattle high and scarce.

General Manager P. A. Valentine, of the Armour interests, was in Omaha, Neb., last week hurrying up the packinghouse buildings, which the Armours wish completed by March.

Mr. C. C. Bovee, of Havelock, Ia., was in Sioux City lately buying feeding bulls to put on his "ranch."

- \* The Green Valley Live Stock Company has been incorporated by W. K. Clements, N. Connally and W. C. Kenyon, with a capital stock of \$20,000, at Amarillo, Texas.

- \* The revived Cudahy packing plant at Sioux City, Iowa, will kill 600 head of cattle a day.

- \* The Missouri State Swine Breeders' Association will meet in Lexington on Dec. 7, and will continue in session until the 11th.

- \* Dec. 13 is the day fixed for the annual meeting of the stockholders of the Union Stockyards Company. At this meeting successors will be elected to the present nine directors, who are William A. Paxon, John A. Creighton, John A. McShane, P. A. Valentine, B. F. Smith, M. C. Keith, J. H. Pratt, John B. Sherman and A. C. Foster. Several changes in the directory are anticipated.

- \* The Butchers' and Pork Butchers' Association, of Quebec, have elected the following officers for the year: Honorary president, Telephore Verrette; president, Isidore Caouette; vice-president, Prosper Gravel; secretary-treasurer, Thomas Dechene; assistant secretary-treasurer, Omer Emond; marshal, Jos. Belanger; assistant marshal, Pierre Dion. Added to the committee: Joseph Bergeron, Telephore Verrette, Narcisse Matte, Louis Rheume and Solime Turcotte.



### BIRD PAPER MFG. CO.'S CELEBRATED COMPOUND INSULATING PAPER

For lining Cold Storage and Ice Houses, Refrigerators and Refrigerator Cars.

WATERPROOF, ACID PROOF, ALKALI PROOF.  
AIR-TIGHT, ODORLESS, TASTELESS.

**BIRD PAPER MFG. Co.**  
98 MAIDEN LANE, NEW YORK.

- \* The Fort Worth (Texas) Union Stockyards are to be much improved.

- \* The Grocers' and Meat Men's Association, of Burlington, Vt., recently enrolled twelve new members.

- \* Swift and Company, Chicago, have largely increased their capacity for the manufacture of summer sausage by the addition of latest improved machinery and extensive dry rooms of approved construction. Their line includes, Cervelat, D'Arles, Salami, Farmer and Holsteiner, both for domestic and export trade. Their summer sausage is of highest quality, and has an excellent reputation in all sections of the United States and Europe.\*\*\*

- \* Plans are in hand for extensively improving Bonsecours market at Montreal, Quebec.

- \* The Cudahy Packing Co., whose headquarters are at South Omaha, Neb., have consummated a deal of great importance to Sioux City, Ia., having signed contracts with the Sioux City Stockyards Co. to open the long-abandoned plant of the Sioux City Dressed Beef & Canning Co., equipping it with the latest and most modern machinery. New buildings will be erected, the plant being generally enlarged. The beef killing capacity will be increased to 1,000 per day, the sheep killing capacity will be 1,000 per day, while the hog slaughtering capacity will be 4,000. These improvements, together with the glue and soap works, will cost in the neighborhood of \$300,000 and will be begun at once. Employment will be given to 1,200 men.

- \* The smaller of the packing houses, of the Shufeldt Packing Co., New Brighton, Minn., was recently destroyed by fire, entailing a loss of \$45,000 to the building and several

thousands of dollars on stock. Covered by insurance.

- \* Some of the Kansas City packers are complaining against the treatment accorded them by the Topeka meat inspector. They believe he is discriminating in favor of a local packing house and that at every opportunity he gives the Kansas City houses the worst of it. In order that any discrimination in that line may be removed, an effort has been made to have the Federal government station an inspector at Topeka, to inspect everything that is shipped in, as well as the stuff slaughtered at the local packing house. The only inspector there now is appointed by the mayor, and he makes no critical examination of meats. The principal reason for getting a Federal inspector is that he will be removed from local political influences and will be in a position to treat outside packers fairly.

- \* One of the most important bills which will come before the Iowa Legislature this winter will be one which will be presented early in the session to regulate the yardage and feed charges of all public stock yards operated in that State, or organized under the general corporation laws of that State or by special charter, which do an average daily business of not less than 100 cattle, 800 hogs, or 300 head of sheep.

- \* At the annual meeting of the International Packing Co., Chicago, the fiscal statement for the year was presented by President A. S. White. The profits of the company showed a falling off, which was accounted for by the loss of business in the South, due to stringent quarantine regulations during the prevalence of the yellow fever epidemic.

- \* The various packing houses of Indianapolis, Ind., are reported as being very busy with their winter killing.

### TINNOL, a Paste that Sticks.

NO PEELING OFF. NO RUST SPOTS ON TIN. NO DISCOLORING OF LABELS.

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### ALL CURED MEATS, SAUSAGES AND BOILED MEATS

### ROLL PARCHMENT PAPER

Is the attractive feature on the counters of many stores, being used by the leading butchers

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# ATLANTIC REFRIGERATING CO.

MANUFACTURERS OF THE... **SPRINGFIELD, MASS.**

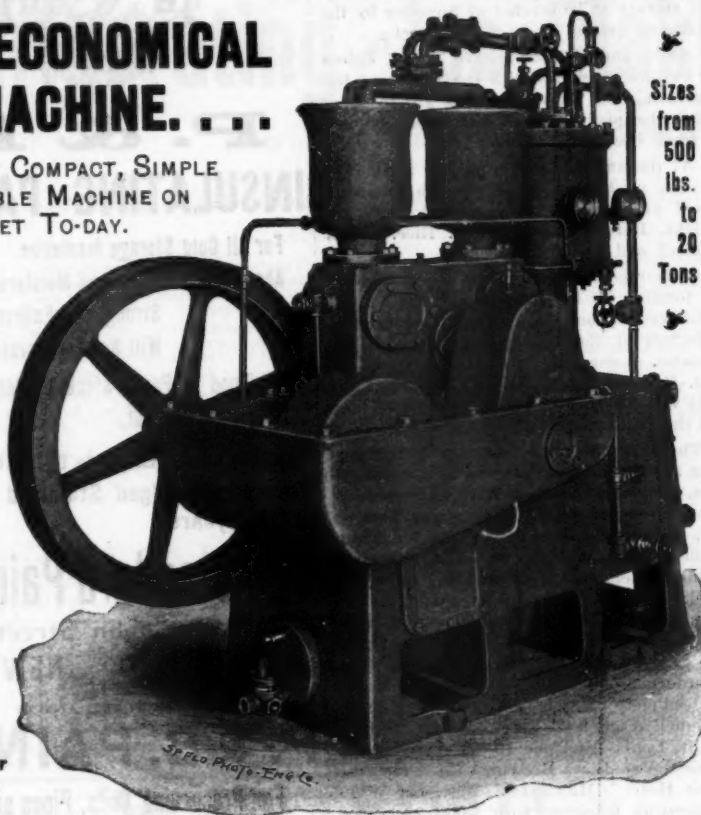
## NEW ECONOMICAL ICE MACHINE....

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It costs you practically nothing  
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ONE DOLLAR in Postal Note, Check, or  
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## Pork and Beef Cracklings Wanted AT HIGHEST PRICES.

**JAS. McCALLUM & CO.**  
Dayton, Ohio.

Manufacturers of  
**Azotine and Poultry Foods.**

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FOR

THE E. VAN WINKLE GIN AND MACHINE WORKS,  
ATLANTA, GA.

## ICE AND REFRIGERATION.

Those interested in this subject should not forget to look also at Packers' and Slaughterers' Notes, and other trade news columns in this paper.

Employers in want of help, and employees in search of positions, and such wanting to dispose of machinery or desiring to purchase same should look at our WANT AND FOR SALE COLUMN on page 45.

—The committee on cold storage for the market house at Memphis, Tenn., have accepted the offer of the Vilter Mfg. Co., of Milwaukee, to furnish two 15-ton refrigerating machines.

—J. L. Clark was in the city recently negotiating with local parties for the erection of an ice plant at Denison, Tex.

—Shaw & Coffroth, Velasco, Tex., contemplate putting in an ice machine next summer.

—John C. Burns has bought the Burton-Blanchard cold storage plant, La Crosse, Wis. The building is to be enlarged, improved and refitted for use in his wholesale and commission business. The refrigerating plant, of a late model, will also be improved and enlarged.

—The Mattoon Ice and Storage Co., Mattoon, Ill., has certified to an increase in capital stock from \$20,000 to \$30,000.

—A \$25,000 ice factory is being erected at Hot Springs, Ark., for W. L. Tallman, W. H. Brannon, W. K. Brown and I. B. Whitesides, capitalists, of Columbus, Ga.

—The town of Quincy, Fla., contemplates the erection of an electric light plant and ice factory, the latter having a capacity of five tons. Address W. M. Corry.

—The Ybor City Ice Works, Tampa, Fla., owned by the Florida Brewing Co., which was burned a short time ago, will be rebuilt at once.

—The Worcester (Mass.) Brewing Co. is to erect a 75-ton ice plant.

—It is said that a \$40,000 cold storage plant is to be erected at Watertown, N. Y.

—The J. B. Sulphin Co., handlers of meats, at Duluth and Superior, are to control a large cold storage to be erected at Superior by the Hammond estate.

—Swift and Company have placed orders for two ice machines with the Liverpool Refrigerating Co. These machines are to be of sufficient capacity to deal with about 500 tons of fresh beef each voyage.

—At the annual meeting of the Park City Ice Co., of Park City, Utah, the following Board of Directors were elected: W. S. Wright, Barney Riley, W. V. Rice, R. T. Kimball and J. D. Murdock.

—It is reported that plans are incubating for forming an ice company at Toledo, O., that several prominent railway men are the projectors of the enterprise; that John D. Bastable, at one time an official of the C., H. & D. R. R., is to be the manager; that the plans will be hatched in the near future, and that the capital stock is to be \$100,000.

—The Vilter Mfg. Co., builders of refrigerating and ice making machinery, Corliss engines, etc., of Milwaukee, Wis., have recently closed contracts with the following parties: J. P. Baden, proprietor of Winfield Ice Plant, Winfield, Kan., for one 30-ton refrigerating machine; Memphis Meat Market, Memphis, Tenn., one complete 25-ton refrigerating plant, with two 12½-ton machines; E. M. Slayton, Cold Storage House, Lawrence, Mass., one 25-ton refrigerating machine (second order); Syndicate Brewery, Boston, Mass., one complete 50-ton refrigerating plant; Ruemmel & Siebert Refrigerating Machine Co., St. Louis, Mo., one 10-ton refrigerating machine; Val. Blatz Brewing Co., for the "Blatz Hotel," Milwaukee, Wis., one 5-ton refrigerating machine, with 1,000 pound ice

(Continued on page 38.)



## P. & B. INSULATING PAPERS

For All Cold Storage Insulation.

Absolutely Air Tight and Moisture Proof.

Strong and Entirely Odorless.

Will Not Deteriorate With Age.

No Wood in Paper Stock to Decay.

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## P. & B. PAINTS

For Preserving Coils, Pipes and all Wood and Iron Work Exposed to Dampness, Acids or Alkalies.

## FACTS.

All Ice Manufacturers know that there are inferior Ice and Refrigerating Machines built.

We stand ready to challenge any builders to show that our machines are as efficient and economical as are offered in the market.

We invite correspondence. Should any contemplative purchasers wish any information, write us and we will cheerfully give it our prompt attention and send illustrated catalogue.



GENERATOR—Pat. Jan. 24, 1898, and Sept. 23, 1899.

## SULZER-VOGT MACHINE CO.

LOUISVILLE, KY.

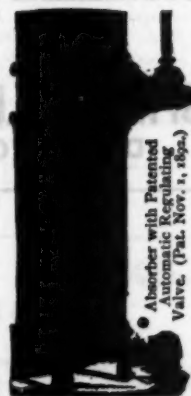
Builders of Latest Improved

Ice and Refrigerating Machines.

ATMOSPHERIC CONDENSERS, COILS, TANKS

FURNISHED FOR ANY MACHINES.

Write for Prices.



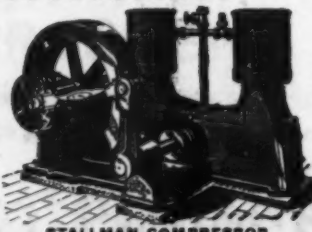
Absorber with Patented Automatic Regulating Valve. (Pat. Nov. 1, 1895.)

## REFRIGERATING MACHINES.

For PACKERS, BUTCHERS, COLD STORAGE, WAREHOUSES, ETC.

A First-Class Plant Pays.

DIRECT EXPANSION, BRINE STORAGE, and BRINE CIRCULATING SYSTEMS.



STALLMAN COMPRESSOR.

We are the Sole Manufacturers of the STALLMAN COMPRESSOR

For Simplicity, Durability, Efficiency and Economy in operation, THEY HAVE NO EQUAL.

OUR SPECIALTY: 2, 4, and 6-TON MACHINES FOR SMALL PLANTS.

For Power we furnish ELECTRIC MOTORS, GAS, GASOLINE or STEAM ENGINES. Estimates and Descriptive Circulars cheerfully furnished.

CREAMERY PACKAGE MFG. CO., 1, 3, 5 West Washington Street, CHICAGO.



THE  
DE LA VERGNE REFRIGERATING MACHINE CO.  
Manufacturers of  
**Refrigerating AND Ice-Making Machines**  
AND ANHYDROUS AMMONIA.

Read the following AWARD from the DIPLOMA received by us from THE WORLD'S COLUMBIAN EXPOSITION.

AWARD.

For production of Anhydrous Ammonia Compressors for refrigerating purposes, of First-Class Efficiency, Durability, Design, Workmanship and Finish, having a pair of vertical double-acting compressing cylinders, operating from two cranks driven by a horizontal double-acting steam engine, occupying a minimum floor space for given capacity, with automatic devices for circulating oil through the compressing cylinders for the purpose of securing perfect displacement of gas, of absorbing the heat of compression so as to require no water-jackets.

For first-class design of the ammonia condensing apparatus, involving the use of a special line of pipe-fittings and valves, of superior strength and completeness; for an excellent arrangement of cooling-water distributing surfaces and liquid ammonia collecting pipes, and complete provision for conveniently operating, cleaning and repairing all parts of the system so as to secure steady action under the most economical conditions.

For successful application of the principles of artificial refrigeration, by the direct expansion of ammonia.

For a complete system of constructing Refrigerating Plants and manufacturing specially designed appliances therefor, all of which are undoubtedly the most elaborate and complete fittings for this purpose yet introduced. The exhibitors adhere to the practice of making all pipe joints with screw threads, sealed with a special solder, which is undoubtedly the most secure method of making joints in ammonia work.

Approved.—W. A. JAMES,  
Vice-President Departmental Com.

(Signed) J. E. DENTON,  
Individual Judge.

Approved.—JOHN BOYD THACHER,  
N. H. Chairman Executive  
Committee on Awards.

WE BUILD THE MOST SUBSTANTIAL AND DURABLE MACHINES AND PLANTS FOR REFRIGERATION  
AND ICE-MAKING MADE IN THE WORLD. THE RECORD MADE BY OUR PLANTS IN OPERATION IS A PROOF  
OF THIS FACT.

WE MAKE NO GUARANTEES WE CANNOT FULFILL.

MAIN OFFICE AND WORKS: FOOT OF EAST 135TH STREET, NEW YORK.

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PHILADELPHIA, Pa., Girard Building, cor. Broad and Chestnut Sts.  
ST. LOUIS, Mo., 8th St. and Park Ave.  
CHICAGO, Ill., 507-508 Security Building, Madison St. and 5th Ave.

NEW ORLEANS, La., 712 Hennen Building, Cor. Carondelet and Common Sts.  
CINCINNATI, O., 811 Neave Building, Fourth and Race Streets.  
BOSTON, Mass., Tremont Building

## WANTED!!!

### 50,000 Sausage Makers

to write us a postal card ordering a copy of "A FEW GOOD THINGS" for the Sausage Maker. Can be had for the asking, and is worth many times the price. Address,

## WOLF, SAYER & HELLER,

Fulton and Peoria Sts.,  
CHICAGO.

120 Pearl Street,  
NEW YORK CITY.



### NO PORK PACKER Can afford to be without **THE CHAMPION FAT CUTTING MACHINE**

Cuts 100 lbs. per minute uniformly. Reduces Cracking Cake 6 per cent.  
**HAS STOOD ALL TESTS.**

MADE ONLY BY

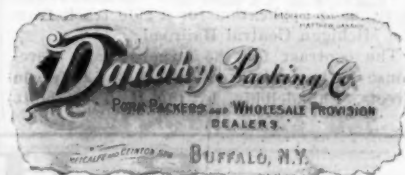
**JOHN B. ADT,**  
332 to 342 N. Holliday Street,  
BALTIMORE, MD.

### THE PONTIFEX ICE AND REFRIGERATING MACHINE.

Refrigerant: Anhydrous Ammonia, Direct Expansion or Brine Circulation. *Simple, Economical, Durable, Efficient.* Particularly adapted for the refrigeration of *Packing Houses, Abattoirs, Cold Storage Warehouses, Fish Freezers, etc.*, and all work requiring low temperatures. 600 plants in operation at home and abroad. Address:

**THE HEWLETT MANUFACTURING CO., Ltd.,**  
Carbondale, Pa.

A practical work on Ammonia Refrigeration. Send One Dollar (\$1.00) to THE NATIONAL PROVISIONER, and we will send you a copy of Redwood's Theoretical and Practical Ammonia Refrigeration. 146 pages, cloth bound.



HAVE YOU GOT SOMETHING TO SELL? PUT IT ON PAGE 45. DO YOU WANT BARGAINS? SECURE THEM ON PAGE 45.

## FREDERICK BOHNET,

Established 1850.

Telephone, No. 662 Franklin.

188 and 190 Monroe Street,  
NEW YORK.

**General Provision Dealer.**

*Orders promptly attended  
to, City or Country.*

## TALLOW, SOAP, GLUE, FERTILIZER AND COTTON OIL TRADE NOTES.

**CORRESPONDENTS, SUBSCRIBERS AND OTHERS  
SENDING ITEMS FOR THIS COLUMN SHOULD  
MAIL THEM SO AS TO REACH THE  
EDITOR NOT LATER THAN THURS-  
DAY EVENING.**

*Tallow-renderers, soap makers, glue manufacturers, fertilizer manufacturers, and cotton oil manufacturers would do well to make known their wants in this column, which would result in their being placed in immediate correspondence with the leading firms interested in these lines who carefully peruse these notes.*

The plant of Charles F. Rugg, Worcester, Mass., manufacturer of oil, soap, and tallow, has been purchased by G. F. Swift & Co. and will be transferred to Lowell, Mass.

About 35 members of the Academy of Pharmacy, Cincinnati, O., recently visited Procter & Gamble's soap manufactory at Ivorydale, to inspect the manufacture of soap and glycerine. Under the able direction of Mr. Joseph H. Feenister, manager of the concern, they made a careful inspection. After leaving Ivorydale the members were dined by their president, Mr. Alfred De Lang.

The Minnesota Soap Co., St. Paul, Minn., is to erect a new four-story brick soap factory at a cost of \$5,000.

It is said that when whisky is used instead of water in making glue, the mixture will remain unaltered for years, will remain perfectly liquid except in very cold weather, and is ready for application without the use of heat. Tight corkage to prevent the volatilization of the solvent is the only precaution necessary to keep the glue perfect. All that is necessary is to break the glue into small fragments, place these in a glass vessel and pour sufficient whisky over them to thoroughly dissolve. After being tightly corked for three or four days the prepared glue is ready for use.

The McCaw Mfg. Co., Macon, Ga., manufacturers of cottonseed products, such as oil, lard, soap, plantine, etc., have received two medals for exhibits of soap and oil at the Nashville Exposition.

The cottonseed industry of the South employs 10,000 people in 300 mills. The capitalization is over \$50,000,000, and the annual product is valued at \$113,000,000.

If the glue men can get together they propose to form a hard and fast combination and trust. A deal of that kind certainly ought to be made to stick.

The Challenge Soap Co., of Grand Rapids, Mich., has been organized with a capital stock of \$10,000. The officers are C. D. Stuart, president; E. D. Higgs, vice-president; W. H. Downs, secretary, and L. D. Harris, treasurer.

The Central City Soap Co., Jackson, Mich., have made application for a side track from the Michigan Central Railroad.

The contract for the large storage warehouse to be built at Ninth and Jefferson streets, Philadelphia, by the B. T. Babbitt

Soap Company, of New York, through their Philadelphia office, has been awarded to Builders M. P. Wells & Co., Thirteenth and Walnut streets, that city.

A large fertilizer factory will be erected in Columbus, Ga., by H. Bussey & Son.

Arrangements will be made at once for the letting of contracts for the erection of an 80-ton cottonseed oil mill, which the Meridian Fertilizer Company, of Meridian, Miss., have decided to build.

Soap.—The English word is derived from the French savon, and so called from the little seaport town of Savona, near Genoa, in Italy, noted for its early and excellent manufacture of this detergent article. At Queretaro, near Mexico, soap at one time was the currency and a legal tender for the payment of debts. The cakes were valued at a cent and a half each. The cakes were stamped with the name of the town where it was current, and of the person authorized to manufacture and utter it. It was by no means uncommon to use these same cakes for washing the hands and face, and they did not lose their current value so long as the stamp was preserved. The expression, "How are you off for soap?" succeeded the synonymous query, "How are you off for tin?" Carlyle, in his "French Revolution," says: "A deputation of wash-women petitioned the convention for soap, and their plaintive cry was heard round the Salle de Manège, 'Du pain et du savon!'" This cry of the insurgent women of Paris for bread and soap occurred in February, 1793.

### DEAD MEAT PLENTIFUL IN GREAT BRITAIN.

The president of the Dominion Cattle Breeders' Association (Canada), after looking into meat matters in Great Britain said:

"Dead meat from the United States is plentiful in the British market. It consists chiefly of hind quarters, and is equal to the best English or Scotch, and realized good prices. The shipment of beef across the Atlantic in cold storage does not hurt the beef. It makes it more acceptable to the London dealers, who prefer meat eight or ten days old. If they buy it from Doptford fresh, they have to keep it stored that length of time at their own expense. Too many forequarters of beef are being sent to England. Hindquarters are in demand. The finest Australian mutton is sold in London at 6½ cents per pound.

\* Andrew Petner, Philadelphia, is erecting a two-story frame slaughter house on Cambridge street, south of Margaretta street, Frankford.

## CHICAGO LIVE STOCK REVIEW.

(Written expressly for THE NATIONAL PROVISIONER by Mallory, Son & Zimmerman Co.)

**HOGS.**—Receipts of hogs were about what the trade expected, as they have been recently for several weeks, but correspondingly larger than last year, which has also been the case for the past two or three weeks. For the past two years a large percentage of our receipts on Monday have come from Southern Minnesota, but the mortality from swine plague has been very heavy all through that section, and on that account liquidation is nearly over, and comparatively moderate receipts will be the rule during the winter. The supply of hogs in Illinois, Eastern Iowa and Wisconsin is comparatively large, and the hogs are in good condition. There is practically no speculation in the provision market; the packers have the hog market well in hand, and they are all working toward a common point, namely, a reduction in the price of hogs until such a time when they have packed a sufficient number of hogs to permit of their working on the other side of the market. As suggested by us several times recently, we would not be surprised at a continuation of this state of affairs for some weeks at least; neither would we be surprised under the circumstances to see a little lower range of prices, especially on the heavy packing grades; and while we do not believe the legitimate situation warrant lower prices for any length of time, we advise our readers to work carefully and ship regularly, and not try to bull the market. The fluctuations in the market this week have been entirely in the light, medium and mixed grades, as heavy packing hogs have been dull and practically unchanged throughout. The trade is very dull on all hogs weighing over 300 lb, and the heavier the hogs the harder it is to dispose of them. Hogs and their product are still selling lower than anything else in the line of food products, breadstuffs, etc., but the supply of hogs in the country is comparatively liberal, and under existing conditions it does not seem wise to expect much permanent improvement right away. We see no reason why good hogs bought to sell here from 3.20 to 3.40 should not be all right next week, but it is wise to watch the provision market.

**CATTLE.**—Receipts of cattle were moderate, and the demand fairly good, but prices did not average much better than steady. We would not be surprised to see still lower prices next week, as usual after the Thanksgiving holiday. The prospect is fair for the

## DIXON'S SILICA GRAPHITE PAINT

**FOR TIN OR SHINGLE ROOFS AND IRON WORK.** Tin roofs well painted have not required repainting for 10 to 15 years.  
**IT IS ABSOLUTELY WITHOUT AN EQUAL.**

If you need any paint it will pay you to send for circular.

JOSEPH DIXON CRUCIBLE CO., Jersey City, N. J.

## B. HELLER & CO. CHEMISTS.

We make a specialty of **COLORS** and **PRESERVATIVES** for Meats and sausage. Write us, if you wish Reliable Goods at lowest figures. We are the largest meat color manufacturers in the world.

249-251-253 SO. JEFFERSON ST. CHICAGO, ILL





# WINCHESTER BRAND

MILD SUGAR-CURED  
SMOKED HAMs,

BREAKFAST BACON,  
SHOULDERS, ETC.

...MADE ONLY BY...

SWIFT AND COMPANY, CHICAGO, KANSAS CITY,  
SOUTH OMAHA, EAST ST. LOUIS.

## THE CUDAHY PACKING CO.

Packers of REX BRAND

PROVISIONS, CANNED GOODS AND BEEF EXTRACT.

SHIPPERS OF CHOICE

Dressed Beef, Hogs, Sheep, Calves, Beef and Pork Cuts, and all  
kinds of Tripe and Sausages.

ALSO MANUFACTURERS OF BUTTERINE.

### PACKING HOUSES.

SOUTH OMAHA, NEB. CHICAGO, ILL.  
SIOUX CITY, IA. LOS ANGELES, CAL.

### BRANCH HOUSES.

The Cudahy Packing Co., Manhattan Market, New York.  
" " " " Manhat'nville " "  
" " " " Ft. Greene Place, Brooklyn.  
" " " " 1 Blackstone St., Boston, Mass.  
" " " " Clinton Market, " "  
" " " " Worcester, Mass.  
" " " " Fall River, " "  
" " " " Pittsburg, Pa.  
Holmes' Provision Co., Holyoke, Mass.  
Nashua Beef Co., Nashua, " "  
Lee & Hoyt, " " New Haven, Conn.  
McElroy Bros., " " Bridgeport, " "  
Omaha Beef Co., " " Danbury, " "  
Waterbury Beef Co., " " Waterbury, " "  
W. W. Coates & Co., Providence, R. I.  
A. H. Warthman Co., Philadelphia, Pa.

HARRISBURG, PA., OPERATED BY  
HARRISBURG PROVISION CO.

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NEW YORK CITY.

BUFFALO, N. Y.

## THE JACOB DOLD PACKING CO.

KANSAS CITY, MO.

WESTPHALIA  
HAM.

CURERS AND JOBBERS OF  
PROVISIONS AND CANNED MEATS

WHITE ROSE  
LARD.

ESPECIAL ATTENTION PAID TO FOREIGN TRADE.

AND ALL PACKING HOUSE PRODUCTS.

## ANGLO-AMERICAN PROVISION COMPANY, CHICAGO FOWLER BROS. (LIMITED), NEW YORK AND LIVERPOOL.

Pork Packers, Lard Refiners and Sausage Makers.

SOLE PROPRIETORS  
OF THE UNRIVALED AND JUSTLY  
CELEBRATED  
BRANDS OF MEATS AND LARD:

Delmonico Peach and Cherry Brands  
OF SMOKED MEATS.  
Peach Leaf Lard. Apricot Lard.  
ROYAL LILY COMPOUND.

Agents in most of the principal cities in the United States. Correspondence solicited.

ANGLO-AMERICAN PROVISION CO.

BENTLEY & GERWIG, Limited,  
MANUFACTURERS OF

## ROPE, TWINE and CORDAGE,

Hide Ropes, Pork Packers and Sausage Twine a specialty. Cotton Waste, etc.

69 WEST WASHINGTON STREET

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ORGANIZED 1888.

The New York Butchers' Calfskin Association,  
OFFICE, 407 E. 47th STREET, NEW YORK CITY.

Sell your calfskins to us. We divide all profits to stockholders. No other  
dealers do this.

Our wagons call at your place for calfskins.

Try a LITTLE AD. on Page 45.

## Battelle & Renwick,

163 FRONT STREET, NEW YORK.

ESTABLISHED 1840.



MANUFACTURERS OF

## REFINED SALTPETRE.

CRYSTALS,  
GRANULATED,  
POWDERED.

FOR PACKERS' USE.

THE  
BLAUVELT-WILEY PAPER MFG. CO.,

MANUFACTURERS OF AND DEALERS IN

PAPERS, TWINES AND CORDAGE.

Tapes for Wrapped Meats and Provisions a Specialty.

121 Duane Street, - - New York City.

PHONE, 1833 FRANKLIN.

## THE NATIONAL PROVISIONER.

ANNUAL SUBSCRIPTION

ONLY \$4.00 FOR 52 WEEKLY ISSUES.

FOREIGN. \$5.00.

near future, but we still advise shipping cattle whenever they are ready for market.

**SHEEP.**—The decline in the sheep and lamb market last week caused a material let up in the supply, and the general market ruled steady, with prices on both sheep and lambs 10¢@20¢ higher than at the close of last week. The prospect looks fair for a steady market next week, and we still advise shipping sheep and lambs as soon as they are fat enough for the market.

### ICE AND REFRIGERATION.

(Continued from page 34.)

plant; Schwarzschild & Sulzberger Co., packers, Kansas City, Mo., one 16x36-inch Corliss engine; Menasha Woodenware Co., Menasha, Wis., one 16x36-inch Corliss engine; Nelson Morris & Co., packers, St. Joseph, Mo., one 18x34x42-inch cross compound Corliss engine and one 14x36-inch Corliss engine, both "heavy duty;" Bissell Carpet Sweeper Co., Grand Rapids, Mich., one 22-48-inch Corliss engine.\*\*\*

—Lawlor, Cavanaugh & Co., who are building a cold storage house at the corner of Adams and First streets, Troy, N. Y., let the contract on Tuesday to the Pennsylvania Iron Works Co., of Philadelphia, for two 50-ton compression machines to be used in the refrigerating department. The storage building is rapidly approaching completion. The new machines are of the Boyle patent.

—The Newburgh (N. Y.) Ice Machine & Engine Co., have just closed an order for a 10-ton refrigerating plant, to be placed in the Wilkesbarre Hotel, Wilkesbarre, Pa. The prospect is good for further orders in the same line, making the outlook promising for the winter at this establishment.

—The Fred W. Wolf Co., of Chicago, has recently been awarded the following contracts: Wilmington Brg. Co., Wilmington, N. C., 10-ton ice plant; A. Booth Packing Co., Omaha, Neb., 36-ton refrigerating plant; Stuhlfauth Bros., Marathon, Wis., 12-ton refrigerating plant; North Judson Brg. Co., North Judson, Ind., 18-ton refrigerating plant; Henderson Brewing Co., Henderson, Ky., 50-ton refrigerating plant, and ice plant; Augusta Brewing Co., Augusta, Ga., 24-ton ammonia condenser; John Gund Brewing Co., La Crosse, Wis., 75-ton ammonia condenser; Fibenbrot Brewing Co., 9,000 feet direct expansion piping and brine connections; Los Angeles Brewing Co., Los Angeles, Cal., 25-ton refrigerating plant; Wm. Ruehl Brewing Co., Chicago, Ill., 50-ton refrigerating plant; Lexington Brewing Co., Lexington, Ky., two 40-ton refrigerating machines, with complete refrigerating plant.\*\*\*

# NEPONSET RED ROPE INSULATING PAPER

FOR LINING

## Cold Storage Houses

## Refrigerators Cars Etc.

WATERPROOF AIR TIGHT, CLEAN, A HIGH NON-CONDUCTOR AND ABSOLUTELY ODORLESS.

### CHICAGO PROVISION MARKET.

(Continued from page 31.)

#### WEDNESDAY, NOVEMBER 24.

<b>PORK—(Per Barrel)—</b>				
December....	7.17½	7.20	7.17½	7.20
January....	8.15	8.15	8.10	8.15
<b>LARD—(Per 100 lb)—</b>				
December....	4.07½	4.10	4.07½	4.07½
January....	4.20	4.22½	4.20	4.20
<b>RIBS—(Boxed 25c. more than loose)—</b>				
December....	4.12½	4.15	4.12½	4.15
January....	4.15	4.15	4.12½	4.15

#### FRIDAY, NOVEMBER 26.

<b>PORK—(Per Barrel)—</b>				
December....	7.17½	7.25	7.17½	7.25
January....	8.12½	8.20	8.12½	8.15
<b>LARD—(Per 100 lb)—</b>				
December....	4.10	4.12½	4.10	4.10
January....	4.25	4.25	4.22½	4.22½
<b>RIBS—(Boxed 25c. more than loose)—</b>				
December....	4.15	4.15	4.15	4.15
January....	4.15	4.17½	4.15	4.15

We learn that Dr. Thomas Evans has been appointed general manager of the N. K. Fairbank Co., Mr. Maxon, vice-president, having desired to retire from active duties connected with the general management.

William B. Chisolm, William H. Tucker and Robert G. Chisolm have chartered the Berkeley Chemical Co., of Charleston, S. C., with a capital stock of \$500,000.

### WM. E. WEBBE & CO.

### PROVISION BROKERS

807 ROYAL INSURANCE BUILDING,

CHICAGO.

R. J. WEIL, Manager Cash Provision Department.

### LOUISVILLE COTTON OIL REPORT.

(Special Telegram to "The National Provisioner.")

Market quiet but firmer under the same prices as quoted last week, namely 14c. Georgia and Alabama prime crude and 13½¢ for Texas. Few sales are being made as the buyers and sellers both do not seem anxious to trade. Sales reported are two tanks Georgia prime crude, 14c.; four tanks Texas do., 13½¢.

### CAKE AND MEAL.

The market for cottonseed products in New Orleans is more active at the late decline and there is some demand for cheap oil from Mexican buyers. Receivers' prices are quoted as follows: Cottonseed, \$8 per ton of 2,000 lb net to the mills, no commission of any kind to be added; cottonseed meal, jobbing, per carload at depot, \$16.75@17 per short ton of 2,000 lb; for export per long ton of 2,240 lb f. o. b., \$19@19.25; oilcake, for export, \$19@19.25 per long ton f. o. b.

\* J. P. Attebery, J. T. Anderson and George S. Berry have incorporated the Abilene Live Stock Co., of Abilene, Texas, with a capital stock of \$40,000.

\* J. McD. Campbell, George Anderson and R. E. Montgomery have incorporated the T. H. Live Stock Co., at Clarendon, Texas, with a capital stock of \$40,000.

### W. THOS. NASH,

### BROKER.

Provisions, Lard, Grease, Etc.  
240 LA SALLE ST.,  
CHICAGO.

THE BEST MATERIALS FOR INSULATING PURPOSES IN COLD STORAGE and REFRIGERATOR PLANTS and REFRIGERATOR CARS ARE MANUFACTURED BY

RED ROPE INSULATING PAPERS,  
BLACK ROPE PAPERS, Strong, Odorless, Water-Proof and Vermin-Proof.

WOOL DEADENING FELTS,  
MINERAL WOOL, SHEATHING,  
BUILDING and ROOFING PAPERS.

Also SECTIONAL BRINE and AMMONIA PIPE COVERINGS and FROST PROTECTIVE COVERINGS.

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(SUCCESSOR TO GEO. A. BANTA REFRIGERATOR CO.)

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## REFRIGERATORS AND FREEZERS FOR ALL PURPOSES.

### SMALL FREEZERS

FOR POULTRY AND GAME

A SPECIALTY.

ESTIMATES AND PLANS FURNISHED FOR THE INSULATION OF PACKING HOUSES, MARKETS AND COLD STORAGE ROOMS.

PORTABLE REFRIGERATORS FOR BUTCHERS AND HOTELS.

...REFER TO...

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HALSTEAD & CO., 300 Forsyth Street, New York.  
MERCHANTS REFRIGERATING CO., 161 Chambers Street, New York.  
INTERNATIONAL PROVISION CO., Degraw Street, Brooklyn.  
DILLON & DOUGLASS, New Haven, Conn., and many others.





## The United Dressed Beef Company

Salesroom Telephone  
314 38th St.

OF NEW YORK,

Office Telephone, 303 38th St.

## CITY DRESSED BEEF.

PACKERS AND EXPORTERS OF INDIA MESS AND ALL SALT BEEF.

MANUFACTURERS OF

Beef Casings, Dried Blood, Fertilizers, Oleo Oils, Stearins, Prime City Tallow, Ground Bone, Horns and Cattle Switches, Selected Hides.

HIGHEST PRICES PAID FOR SHOP FAT AND KIDNEY SUET.

43d & 44th STREETS,  
FIRST AVE. and EAST RIVER, NEW YORK.

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## SWIFT'S..... CHICAGO DRESSED Beef, Mutton, Lamb, Veal, Pork

AND A FULL LINE OF **SWIFT'S FINE PROVISIONS**

Can be had at our branch houses in New York, Brooklyn and Jersey City.

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G. F. & E. C. Swift, 105 Barclay st.  
Gansevoort Beef Co., 22 and 24 10th ave.  
Washington Market Sheep Co., W. Washington Market.  
Swift Provision Co., Cor. 13th st. and 10th ave.  
G. F. Swift & Co., Manhattan Market (W. 35th st.).  
Swift Sheep & Prov'n Co., 11th ave., 34th and 35th sts. Centre Market Beef Co., Cor. Centre and Grand sts.

#### BROOKLYN.

Swift Brothers, 182 and 184 Fort Greene place.  
Fort Greene Sheep Co., 172 Fort Greene place.  
Swift Brothers, Wallabout Market.

#### JERSEY CITY.

Swift and Company, Ninth Street Market, 138 9th st. Swift and Company, Wayne Street Market.

G. F. and E. C. SWIFT,  
Proprietors.

General Offices,  
105 Barclay St., N.Y.

Cable Address: "ESSBEEF."

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## Jersey City Packing Company,

BEEF AND PORK PACKERS. CURERS AND EXPORTERS OF AND DEALERS IN FINE PROVISIONS. REFINERS OF LARD.  
Manufacturers of "White Star" Brand of Lard. "Eagle" Brand of Hams and Breakfast Bacon. "Peerless" Brand Sausages.  
BEEF AND PORK PACKED SPECIALLY FOR ALL CLIMATES.

Salesrooms and Packing Houses: 138-154 9th St., JERSEY CITY, N. J.

## NORTH PACKING and PROVISION CO.

PACKERS AND JOBBERS OF  
PROVISIONS

Highest Award, Diploma and Medal, at World's Fair, for Pure Lard, Hams, Bacon, Bbl. Pork, Neutral Lard, Sausages.

PURE LEAF LARD, 3, 5, 10-LB. PAIL TUBS,  
TIERCES.

33 & 34 N. MARKET STREET, BOSTON.  
444, 446 & 448 PRODUCE EXCHANGE, N. Y. CITY.

\* Try their North Star Brand for something extra choice. Sure to please.

PACKING HOUSE, - SOMERVILLE, MASS.

William Ottmann & Co.,  
PROVISIONS,  
POULTRY  
AND GAME,

BUTCHERS, PACKERS AND EXPORTERS,

FULTON MARKET.

NEW YORK.

G. & D. ISAACS,  
Abattoir and Salesroom:  
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BROOKLYN, N. Y.  
**WHOLESALE BUTCHERS**

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See Coupon on Page 26.

**WANT AND FOR SALE ADS. can be found on PAGE 45.**

## NEW YORK CITY AND VICINITY.

*Employers in want of help, and employees in search of positions, and such wanting to dispose of machinery or desiring to purchase same should look at our WANT AND FOR SALE COLUMN on page 48.*

\*\* William Fisher, 74 years of age, one of the oldest and best-known butchers in Fulton Market, died Saturday of apoplexy, superinduced by a severe cold, at his home, 1243 Lexington avenue.

\*\* John W. Hartt died at his home, 502 Madison street, Brooklyn, Sunday, from an attack of apoplexy. He was engaged in the wholesale poultry business in Washington Market.

\*\* Mr. D. E. Hartwell, of Swift and Company, of Chicago, was in town this week.

\*\* Daniel Valentine, Hicksville, L. I., has had all new fixtures (excepting the ice box), put in his meat market. McLean did the work.

\*\* Rothschild Bros., 134th street and Eighth avenue, have recently had all new rails, blocks and benches put in their market. Work done by McLean.

\*\* E. Oppenheimer has recently opened up a new market at 492 Manhattan avenue. The place has been elaborately fitted up with new fixtures and fittings furnished by McLean.

\*\* A new market, which has been elegantly fitted up with new fixtures and fittings, has been opened by R. Steinhilber on Eighth avenue, between Forty-third and Forty-fourth streets. Fixtures and fittings furnished by McLean.

\*\* "There seems to be no trade whatever for heavy sheep," said one of our subscribers who is one of the largest sheep butchers in the city. "I cannot understand why it is," he said, "that there is no trade for heavy sheep, all of our largest customers who used to buy sheep weighing from 40 to 50 pounds, will not buy now any weighing over 35 pounds, and common stuff is selling much better than good stuff."

## A MODEL RETAIL MARKET.

Mr. R. T. Millemann is the president of the Retail Butchers' Mutual Protective Association, Brooklyn. He is also proprietor of the superb meat markets at 614 and 1559 Broadway, Brooklyn. In the latter place he has mastered the art of meat display, robbing the poultry and butcher business of that coarseness which suggests dens of horror. By his admirable system this gentleman—for Mr. Millemann is a gentleman—has neutralized every disagreeable thing about the place. As a result, the crowd of customers are pleased without offending the senses. Standing upon the street the visitor is attracted by the artistic design of the windows, which blend beautifully. The effect is a happy one, and the view picturesque. Within, long lines of holiday turkeys stretch back and rise one above the other along the maze of trolleys, while other tiers extend here and there without detracting from the general effect. The whole is blended into one elaborate and pretty exposition. Fully a thousand turkeys and four hundred ducks silently banter the visitor. Over this novel aspect falls the mellow flood of electric light, for the sensible proprietor believes in plenty of light, which adds to the beauty of the unusual picture. The rich effect is heightened by this tasteful blending of art in the business of the retail meat trade, as Mr. Millemann conducts it at his Broadway mart, where is seen one of the largest and finest displays of poultry, pork and beef to be found in Brooklyn or anywhere else. When he took this business in his own name, about one year ago, and entrusted its details to his polite and energetic sons, David and William, it was a small affair, compared with its present dimensions, now requiring the assistance of ten butchers to handle the 200 pieces of small stuff and the 14 cattle which this enterprising concern cut up weekly—for the market cuts up its own stuff. Mr. Millemann runs three wagons, and conducts his whole business on a cash basis. No credit books of any kind are kept. By this method the business has grown solidly and so steadily that this market alone runs from 2,000 cash checks weekly. A man who

can transform a meat market into an art exhibition of his wares deserves especial notice to the trade, for this Broadway style of meat market should be encouraged and copied.\*\*\*

## E. Davis' Delightful Ball to Employees.

It was a joyful Thanksgiving on Ninth avenue to many delighted hearts. The first ball of the E. Davis employes came off successfully at Nicolai's American Hall, 458 Ninth avenue, Thanksgiving night. The firm gave the enjoyable event, and Host Felix Ruppel, who is an entertainment in himself, was there with his family to give the event a happy go. He has cause to be proud of his men and their families. More than two hundred tastily dressed and happy ones of both sexes whirled late in the maze of the pleasurable dance. Nicolai's American Hall which once had the honor of General Grant's company, was a delight to the visitor and the well-dressed assemblage. We could not help noting the fact that Mrs. O'Grady, Mrs. Schneider, Mrs. Hanselmann, and Mrs. Kraft were the belles among the married ladies, and that popular taste sought out the smiles of the pretty and well-gowned Misses O'Brady, Michael, Williams, Keiller and a couple of ladies whom we did not know at sight. The firm of E. Davis intends making this an annual affair. In that event the employes have a wealth of pleasure to anticipate, and Host Nicolai can wear his graceful smile with genuine gratification, for this ball was in every sense a decided success. Our representative noticed among the numerous guests Mr. Felix Ruppel and family, Mr. Jas. O'Grady and wife, John Hanselmann and wife, Sam Deering and wife, Steve Schneider and wife, Chas. Kroft and wife, Mr. Harrison and wife, John F. Maccoalgan (the handsome and refined cashier of the firm); Mr. and Mrs. Wm. Smith, Mr. and Mrs. W. Frielant, Mr. and Mrs. Fred Schneider, John Schneider and his mother, Mr. and Mrs. Andrew Neumann and wife, Ike Cahen, Stephen Haffner, John Stevens, Henry Mullick, who is a taking beau among the belles; Joe Koester, Alfred Kraus, Mesdames O'Grady, Grasser, McLaughlin, Lauer, Misses Sohn, Hartmeyer, Schneider (Kate and Frances), Williams, O'Grady, Michaels, and Scheedy; also Messrs. Joe Stevens, Sweeny, Ifelt, John F. Steffens, Wm. Reppelt, and Mr. Veith. Mr. Fred Mayer was the genial floor manager, while Mr. Charles Gray was a pleasant and efficient assistant. Miss Fesler was a pretty and enticing lady floor manager, assisted by Miss Mulback, who was very engaging. The floor committee consisted of Wm. Smith, Frank Hartmayer, Peter Metzger and Frank Rupp. The arrangement committee contained the affable host, Mr. Felix Ruppel as chairman, and John F. Maccoalgan, Walter Peck, Fred Crofut, John Schneider and Anthony L. Ruppel, the gentlemanly nephew of Mr. Felix Ruppel. Mr. J. Koester was the popular sergeant-at-arms, and he filled the bill well. In the early hours of the morning the attractive forms still glided in the trance of this happy Thanksgiving evening dance.

## Pleasure Ahead.

The fourth annual ball of the New York Retail Mutual Protective Association will be held at Lexington Opera House, 58th street and Sixth avenue, on Jan. 11, 1898. It is rather early to announce the news, but as Raymond's orchestra will render the music, and the details are in the hands of Mr. Chas. Young and a large popular committee, the event will be a brilliant and enjoyable affair. Hence a long anticipation of the evening will not destroy the yearning for it.

## Mr. Vanderbeck's Delightful Ball to His Employees.

The sudden illness of our reporter, who was assigned for the event prevented our having a representative at the superb ball given by Mr. A. Vanderbeck to his employes at the Teutonia Assembly Rooms, Sixteenth street and Third avenue, on Friday night, the 19th inst. Through the kindness of one of the principal guests who consented to act for us, we are able to report it as being one of the best dressed and best conducted social events in the Greater City. The sickness of the beloved host cast a gloom in the hearts of the people, who loved him, but his genial son, Mr. F. W. Vanderbeck, who is a host in himself, soon set the gayety going, and the sweet music softly teased the hearts of the guests into the graceful dance and the higher revels of a refined evening.

A more enjoyable event or a happier assemblage of guests cannot well be imagined in New York. Among the most conspicuous of the courteous men, our special commissioner noticed Mr. G. W. Fleir, president of the association; vice-presidents J. Brody and H. Cooney; secretaries, A. Samuel, J. O'Brien and D. Lenehan; W. H. Schmid, J. Habeman, S. Samuel, E. Tierney, C. Ochs, H. Jaentzer, Dr. Murphy and a host of others, who whirled about. Mr. Vanderbeck, Jr., the genial host of the evening. The wives of the gentlemen accompanied them, of course, and with their pretty daughters, added the grace and beauty to the ball. Many handsome dresses delighted the brilliant evening. Among the many tasty and elegant costumes those of Mrs. Vanderbeck, Miss G. Farrington, Mrs. Lacheimer and Miss Taunn. Mr. Vanderbeck should be proud of his employes and his annual ball to them. It is a pleasure to note such events.

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A. SCHELLENBERG. Neues Receptbuch für Delicatesswaren, Materialwaren und Viktualienhändler. \$1.00.  
H. SCHNEIDER. Die Viehmast, oder: Die Mastung aller in der Landwirtschaft zu haltenden Thiere. \$0.50.  
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**OLEO AND NEUTRAL LARD.**

(MARGARINE.)

The business in Rotterdam last week was small. During the present week prices sagged down to 38 florins for choice brands, and small sales only at this reduced figure.

Various leading brands, among them United, Calumet, Helmet and others, sold their November production, outside of Rotterdam, on the basis of 40 florins, and this explains why few sales of these brands are reported from Rotterdam.

Neutral lard is barely steady at 34.

**SALES OF OLEO OIL IN ROTTERDAM.**

The following sales were cabled for the week ending Nov. 26:

Nov. 20. Calumet sold at 40 florins.  
 " 22. Modoc sold at 39 florins.  
 100 tes. sold.  
 Nov. 23. Eastman Extra stock sold at 39 florins.  
 " 23. Harrison sold at 40 florins.  
 260 tes. sold.  
 Nov. 24. Eastman Extra sold at 39 florins.  
 " 24. Helmet sold at 39 florins.  
 " 24. Harrison sold at 39 florins.  
 " 24. Morris Extra sold at 38 florins.  
 700 tes. sold.  
 Nov. 25. Harrison sold at 39 florins.  
 " 25. Armour Extra sold at 39 florins.  
 " 25. Swift Extra sold at 38 florins.  
 400 tes. sold.  
 Nov. 26. Morris Extra sold at 38 florins.  
 190 tes. sold.  
 Sales for the week, 1,400 tes. spot.  
 Nov. 20, stock in first hands, 4,000 tes.  
 Nov. 20, stock afloat.—Per stmr. Durango from Balto. Nov. 13, due Nov. 24, 1,310 tes.; per stmr. Rotterdam from New York Nov. 13, due Nov. 23, 2,160 tes.; per stmr. Adellina Patti from Balto. Nov. 20, due Nov. 29, 1,805 tes. Total, 5,275 tes.  
 Nov. 20.—Our London cable reports: Butter, market quiet and steady; Margarine, market quiet and steady. Imports into Great Britain for week ending Nov. 13, 1896—Butter, 47,899 cwt.; margarine, 17,787 cwt. 1897—Butter, 57,000 cwt.; margarine, 19,600 cwt.

**Exports of Oleo Oil to Rotterdam.**

Nov. 22. Per Stmr. Amsterdam—Eastman, 410; S. & S., 498; Isaacs, 34; Butchers' Fat & M. Ass'n, 128; Morris, 66; Martin, 130; Doid, 60.  
 Nov. 22. Per Stmr. Adellina Patti from Balto.—Armour & Co., 250; Swift and Company, 280; Morris, 450; Uday Packing Co., 120; Pittsburg Packing Co., 180; Hammond, 300; Union S. Yd., 3150.

**Neutral Lard.**

Nov. 23. Per Stmr. Adellina Patti from Balto.—Kings & Co., 175; Armour Packing Co., 165; Swift and Company, 190; Chicago P. & P. Co., 75; Friedman, 65; International, 250.

**Supplementary Reports.****PROVISIONS AND LARD.**

(Continued from page 14.)

The receipts of hogs to-day (Friday) are again large, while for the week they only slightly exceed some liberal estimates that had been made. While the market for the products is rather easy, yet on the whole it is standing up well under the enormous supplies of the swine. The dull point of the situation is the slack speculation. But remarkably full and general cash demand for lard and meats, covering wider export movements as well as distribution to local sources prevent other than just the slightly easier situation referred to. There was a little buying by the packers in taking in of hedges and through the liberal cash sales. It is hard work to get the outsiders to take hold. The receipts of hogs at the West, Thursday and Friday, were 131,000 head, of which 53,300 head at Chicago, with prices 5c. lower; against 70,500 head those days last year, including 32,000 head at Chicago. The hog packing for the week was 485,000 head, against 300,000 head corresponding time last year. It was probable that the strength for grain helped to keep up provisions fairly well to-day. The opening prices on the products at Chicago steady to 2c. lower

on pork, and steady and unchanged on lard and ribs, while the close showed 2 to 5 points advance for the day. At Chicago: Pork—November closed 7.25 nominal; December opened at 7.17, sold to 7.25, closed at 7.25 asked; January opened at 8.12, sold to 8.20, down to 8.15, closed 8.15 bid; May opened at 8.42, sold at 8.45, was afterwards 8.37 bid, closed at 8.37@8.40. Lard—November opened at 4.10 @4.12; December opened at 4.10, sold at 4.12, closed 4.10 bid and 4.12 asked; January opened at 4.22, sold at 4.25, closed at 4.22@4.25; May opened at 4.37, sold to 4.42, closed at 4.37. Ribs—November closed 4.20 nominal; December opened 4.17 bid, sold at 4.15, closed 4.15 bid; January opened at 4.15, was 4.20 asked, closed 4.15 bid; May opened at 4.27, was 4.30, closed at 4.27 asked.

In New York there was a small jobbing business in mess pork at 8.25@9.00. Western steam lard held at 4.50, while it could hardly be sold over 4.42; city steam at 4.20. Refined was unchanged and all other provisions were quiet and as quoted elsewhere. Hogs at 4½@5¼, and 5½ for pigs.

**TALLOW AND STEARINE.**

(Continued from Page 18.)

To-day (Friday) the tallow market had not changed. It is likely to rule steady at least for awhile on account of the melters being well sold up for next and the succeeding week, and the accumulations are only of the store lots. A lot of 50 hhds. city sold to-day at 3 3-16. Of country made, sales of 85,000 lb at 3½@3¾c., as to quality. Chicago quotes best packers' at 3¾@3½c. It sold early in the week 1,000 tes. edible at 3¾, besides the other sales at 3¾.

In oleo stearine no trading, with 4½ quoted, at which there are sellers.

In oleo oil the sales in Rotterdam for the week have been about 1,200 tes. at 38@39 for best brands. The latest sales are of Morris' extra at 38 florins, and the market there favoring buyers, on some accumulation of the recent arrivals out.

**COTTONSEED OIL.**

(Continued from Page 20.)

With the little extra freight room that had been on offer through the week filled up, the oil market is now quiet and just about steady; there are further sellers of prime yellow here at 21½, and crude in barrels at 18; crude in tank cars at the Atlantic mills has still 13½ bid with 14 and more asked.

**BUSINESS CHANGES.**

A. H. Tavener, Springfield, O., meats, has given a chattel mortgage for \$161.

K. J. Vogel, Bennett, Pa., meats, has confessed judgment for \$5,565.

Casper Frantz, Berwick, Pa., meats, judgment for \$933.

John Yugoda, Taylor, Pa., meats, judgment for \$267.

C. D. Cummings, of Cheshire, Mass., has sold out his business to his son.

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Best Spices, Saltpetre and Potato Flour.

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Also, all kinds of BUTCHER SUPPLIES.

Factory, Union Stock Yards.

Telephone Yards 666

**See Coupon on Page 26.**

## NEW YORK MARKETS. OCEAN FREIGHTS.

The market for ocean freights continues strong. We quote:

	Liverpool, per ton.	Glasgow, per ton.	Hamburg, per 100 lbs.
Oil cake	15/	15/	\$0.18
Canned meats	20/	20/	1.05 Marks.
Bacon	20/	20/	1.05 "
Lard	20/	20/	1.05 "
Lard (sm. p. lge.)	20/6	20/	1.20 "
Butter	32/6	30/	2 M. "
Tallow	17/6	20/	1.05 "
Cottonseed oil, bbl.	4/	4/	1.05 "
Beef, per to.	4/	4/	1.05 "
Pork, per bbl.	3/6	3/	3.75 "

Direct port U. K. 3/ for large steamers, and 3/6 for small steamers berth terms. Direct port continent berth terms 3/4. Cork for orders 4/.

### LIVE CATTLE.

#### Weekly receipts:

	Beaves.	Cows.	Calves.	Sheep.	Hogs.
Jersey City	3,746	1	1,117	18,050	14,502
Sixtieth St.	4,861	51	2,656	18,188	306
Fortieth St.					23,878
Hoboken	2,241	48	57	1,766	
Lehigh Val. R. R.	1,843				5,284
Scattering			91	208	
Totals	12,190	100	3,950	38,232	42,890
Totals last week	10,857	84	3,910	36,191	38,422

#### Weekly shipments:

	Live Cattle	Live Sheep	Cow Beef
Eastmans Company			3,700
Nelson Morris	3 5		4,780
Swift & Company			1,342
Schwartzschild & Sulzberger	1,427		2,461
J. Shambert & Son	1,250		
J. A. Hathaway	175		
G. F. Lough & Co.	14	86	
A. Straus	32		
D. G. Culver	43		
J. H. Wilkerson		6	
Total shipments	3,463	86	12,283
Total shipments last week	1,679	25	9,658
Boston " this week	2,829	2,818	11,739
Baltimore "	1,342	614	1,410
Philad'a. "			1,005
Newport News "	337		
Montreal "	2,234	1,228	
To London	2,447	646	3,665
To Liverpool	3,343	4,447	20,092
To Glasgow	1,739	313	
To Bristol	230		
To Southampton			2,080
To Hull	175		
To Manchester	114		
To Bermuda and West Indies	81	86	
Totals to all ports	10,127	4,746	25,437
" " last week	8,016	3,458	19,945

#### QUOTATIONS FOR BEEVES (New York).

Good to choice native steers	4 80	5 10
Medium to fair native steers	4 50	4 75
Common native steers	4 00	4 40
Stags and Oxen	2 75	4 50
Bulls and dry cows	1 75	3 40
Good to prime native steers one year ago	4 75	5 00

### LIVE CALVES.

Market was slow at steady prices, Western calves being 1/4@1/2c. lower. We quote:

Live veal calves prime, per lb.	7 8
" " common to good, per lb.	5 7
Live Calves, buttermilks and grassers, per lb.	3 3
" " Western, per lb.	4 4

### LIVE HOGS.

The market on light to medium hogs was steady; heavy hogs 1/4c. lower, owing to large receipts of heavy hogs. Pigs about 15c. lower and roughs 1/4@1/2c. higher. We quote:

Hogs, heavy weights (per 100 lb.) extreme	3 60	3 75
Hogs, heavy	3 60	3 75
Hogs, light to medium	4 00	4 25
Pigs	4 25	4 50
Roughs	3 00	3 25

### LIVE SHEEP AND LAMBS.

The demand was irregular. Prices on lambs a shade easier. We quote:

Live spring lambs, per lb.	5 4
" sheep, good to prime	4 4
" poor to fair	3 4

### LIVE POULTRY.

Market firm and a shade higher. Much of the stock was from Indiana and of choice quality, and such brought 7 1/2@8 1/4c. for fowls and 8c. for chickens. Roosters steady. Turkeys irregular in quality and value. Ducks and geese steady for choice. Pigeons weak. We quote:

Chickens, local and Western, per lb.	7 8
" Southern	7 8
Fowls, per lb.	7 1/2
Roosters, per lb.	4 8
Turkeys, per lb.	10 13
Ducks, Western, per pair	50 60
" Southern and Southwestern, per pair	40 50
Geese, Western, per pair	1 00
" Southern and Southwestern, per pair	75 1 00
Pigeons, old, per pair	20 25
" young and mixed, per pair	15

### DRESSED BEEF.

There has been a fair demand for beef, considering Thanksgiving week, and the large demand for poultry. Prices steady. Bologna bulk bringing from 5 1/4@5 1/2c. We quote:

Choice Native, heavy	7 1/2	8
" light	7 1/2	7 1/2
Common to fair Native	7	7 1/2
Choice Western, heavy	6 1/2	6 1/2
" light	5 1/2	6 1/2
Good to prime Western	7	7 1/2
Common to fair Texan	6 1/2	6 1/2
Good to choice Heifers	6	7
Common to fair Heifers	5 1/2	6
Choice Cows	5	6
Common to fair Cows	5	5 1/2
Good to choice Oxen and Stags	5 1/2	6
Common to fair Oxen and Stags	5	5 1/2
Fleshy Bologna Bulls	5 1/2	5 1/2
Bologna Cow beef, boned	4 1/2	5

### DRESSED CALVES.

There has been no definite change in the market, trade being very slow, owing to this being Thanksgiving week, and large demand for poultry. We quote:

Veals, City dressed, prime	11	12 1/2
" common to good	10	12
" buttermilks	6	7 1/2
Country dressed, prime	10	10 1/2
" common to good	9	9 1/2
" buttermilks	7	8 1/2
" C. d., poor buttermilks and grassers	5	7

### DRESSED HOGS.

The market has ruled about steady with a fair supply, heavy hogs being a shade easier. We quote:

Hogs, heavy	4 1/2	5
Hogs, 160 lbs.	5 1/2	5 1/2
Hogs, 160 lbs.	5 1/2	5 1/2
Hogs, 140 lbs.	5 1/2	6
Pigs	6	6 1/2
Country dressed	5	7

### DRESSED SHEEP AND LAMBS.

Market steady and very slow; common stuff selling much better than good stuff. Heavy meats neglected almost entirely. A few choice lambs bringing 9 1/4c. We quote:

Good to choice lambs	8	9
Common to medium lambs	7	8
Good to prime sheep	7	8
Common to medium	6	6 1/2

### DRESSED POULTRY.

Receipts last six days, 28,104 packages; previous six days, 10,140 packages. The receipts for the past six days has been about the same as for the corresponding six days in 1896 and also 1895. The demand for turkeys was very large and the receipts were much less than the demand. A good many buyers held off until Wednesday morning, but those who bought early in the week were well rewarded, as turkeys had advanced fully 2c. by Wednesday. Comparatively little fancy stock received from nearby points. Turkeys from Jersey, Maryland and all nearby points running small and thin, as a rule. Strictly fancy Western dry-picked turkeys scarce. Fowls and chickens plenty and slow; prices continue irregular. Ducks are plenty, particularly Westerns. Packed large and fat young ducks, dry-packed, sell fairly, but average grades and iced lots very dull. Geese sell fairly when young, large and fat, but small and all grades of iced dull and irregular. We quote:

Spring turkeys, dry-picked, choice, per lb.	14	16
" " av. best	12	14
" scalded, fancy	12	14
" thin and poor, per lb.	9	12
Turkeys, old, average lots	12	13
Spring chickens, Philad., fancy, per lb.	13	14
" fair to good	9	12
" West, dry-picked, fancy	8	9
" fair to good	7	8
" scalded, fancy	8	8 1/2
" fair to good	7	7 1/2
Fowls, State and Penn., good to prime	8	8 1/2
" Western, prime, dry-picked	8	8 1/2
" Southwestern, prime, dry-picked	7	8 1/2
" Western, prime, scalded	8	8
" fair to good	7	8
" and chickens, poor	5	6 1/2
Old Cocks, Western, per lb.	5 1/2	6
Ducks, Eastern, spring, per lb.	12 1/2	13
" L. I., spring, per lb.	12 1/2	13 1/2
" Western, spring, prime, per lb.	8	10
" poor	6	7

Geese, Eastern, spring, white, per lb.	14	15
" " dark	12	13
" Western, prime	9	10
" inferior	5	6
Squabs, choice, large, white, per doz.	2 25	
" small and poor, per doz.	1 25	

### PROVISIONS.

There was a good demand for pork stuff this week. Hams were slow, but steady. City and Western loins 1/4@1/2c. easier. We quote:

#### (JOBBER TRADE).

Smoked hams, 10 lbs. average	9	10
" " 12 to 14 "	9	9 1/2
" heavy	8 1/2	9
California hams, smoked, light		7
" heavy		9 1/2
Smoked bacon, boneless	8	9
" (rib in)	8	9
Dried beef sets		13
Smoked beef tongues, per lb.	13	14
" shoulders	8	8 1/2
Pickled bellies, light	7	8
" heavy	6 1/2	7 1/2
Fresh pork loins, City	7 1/2	8
" Western	7	7 1/2

### FISH.

Cod, heads off	4 1/2	5
" heads on	1 1/2	2
Halibut	12	15
Striped bass	8	15
Bluefish	8	7
Eels, skinned	6	10
" skin on	4	5
White perch	6	10
Flounders	4	5
Salmon, Western	10	12 1/2
Smelts, Kennebec	10	12
" green	12	15
Lobsters, large	8	14
" medium	8	10
Herrings		3
Red snappers	3	5
Mackerel, medium		12
" large		15
" Spanish		15
Shad, rock		15
Scallops	50	80
Soft crab		1 00
Porgies	6	8
Weakfish	4	5
Flukes	4	5
Sea bass		12 1/2
Blue snappers	5	10
White fish		10
Pompano		20
Haddock	4	5
King fish	3	8
Ciscoes	3	4
Prawns	75	90

### GAME.

There has been a fair demand for game. Prime grouse, partridges and quail in fair demand and steady. Wild ducks sell fairly when heavy and in perfect order. Venison steady. We quote:

Woodcock, per pair	75	1 00
Partridges, per pair	1 00	1 25
Grouse, prime, undrawn, per pair	90	1 10
" drawn, per pair	65	90
Reed birds, per doz.		25
Woodcock, Partridges and Grouse, inferior	25	50
Wild ducks, canvas, per pair	2 00	2 50
" redhead	1 60	1 50
" mallard	60	75
Blue wing teal, per pair	35	40
" green wing teal	20	25
" common, per pair	20	25
Venison, fresh, per lb.	12 1/2	16
" whole deer, per lb.	10	12
English Snipe, per doz.	1 25	1 50
Golden plover, per doz.	1 25	1 50
Grass Plover, per doz.	1 00	1 50
Quail, frozen, prime, per doz.	1 75	2 00
" per doz.	1 62	1 75
Rabbits, per pair		25

### BUTTER.

Receipts last six days, 24,692 packages; previous six days, 28,129 packages. There is demand enough to take all of the fancy fresh creamery on offer, and the market on such is steady. The proportion of higher grade stock is small; the larger parts of receipts from all sections show defects common to this season of the year. The main complaints at present are of flavor, uneven color or salty texture. June creamery is steady for fancy quality, but only a few buyers are interested in anything else. No change in State dairy. A moderate call for fine quality and supply light. Western packings are scarce and firm. We quote:

#### NEW BUTTER.

Creamery, Western, extras, per lb.		23
" firsts	19	21
" seconds	17	18
" thirds	14	15
" State extras		23
" firsts	19	21
" thirds	14	18
" June make, extras	20	20 1/2
" firsts	19	20



# WANTED.~FOR SALE.~BUSINESS OPPORTUNITIES.

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**Coils,**  
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**Valves**  
**FOR SALE.**

Complete  
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Ice Factory

Apply, H. S. P., care  
THE NATIONAL PROVISIONER,  
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Three Johnson Filter Presses, 36 Plates, 18 inches diameter, and  
One Filter Press, 20 Plates, 18 inches square. Will stand 1,000 pounds to the square inch. Also  
One No. 3 Oleo Press.

JOSEPH LISTER,  
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About 75 feet of brass office railing for sale cheap; formerly used by banking house. Address RAIL, care THE NATIONAL PROVISIONER, 284 Pearl street, New York.

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**BUTCHER SHOP FOR SALE, IN** good location, with living apartments; cheap rent. Inquire 207 Bergenline ave., Union Hill, N. J.

**BUTCHER SHOP, WELL ESTAB-**lished; cheap rent. Inquire 201 Weehawken st., West Hoboken, N. J.

**SMALL BUTCHER SHOP, CHEAP;** good reason; must be sold immediately; no agents. 286 Lexington ave., Brooklyn.

**BUTCHER SHOP TO LET.**—Completely furnished. Established 20 years. Call at 429 Hamilton avenue, Brooklyn, N. Y.

**BUTCHER SHOP FOR SALE.**—Address E. B. R., Box 46, office of this paper, 284-286 Pearl street, New York.

**CORNER MEAT MARKET FOR SALE,** doing strictly cash business. Address, S. O. E., Box 84, office of this paper, 284-286 Pearl street, New York.

**FOR SALE BUTCHER STORE,** stock and fixtures; horse, wagon and harness, cheap. Address, X. Y. Z., Box 4, office of this paper, 284-286 Pearl street, New York.

## POSITION WANTED.

**FIRST-CLASS BEEF BUTCHER** wants position. 1711 2d ave., 4th floor.

**BUTCHER WISHES SITUATION;** good cutter, best references; married man. Badecker, 1165 Broadway, Brooklyn.

**GOOD PORK BUTCHER WANTS** steady position. Butcher, 78 Little 12th st.

A good butcher, with 12 years' experience, wants a position as manager of branch house or as first assistant; good references. Apply "K," Box 28, office of this paper.

**THE LEADING PACKERS IN THIS** COUNTRY, IN GREAT BRITAIN AND EUROPE SUBSCRIBE TO THE NATIONAL PROVISIONER. IT IS NOT NECESSARY TO ASK WHY.

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and their representatives desiring to purchase American Packinghouses, Rendering, Soap, Fertilizer Works or Manufacturing Plants of any kind will do well to communicate with G. R., Foreign Department, THE NATIONAL PROVISIONER, 284-286 Pearl Street, New York.

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A gentleman who is thoroughly familiar with the canning business in all its phases (meats, soups, etc.), erecting of machinery, and has the best of references, is open for a position. Apply P. X., Box 50, THE NATIONAL PROVISIONER, 284-286 Pearl street, New York.

## HELP WANTED.

**BUTCHER; FIRST-CLASS CUTTER** and salesman; no other need apply. Mr. Muncke, Rockville Centre, L. I.

**BUTCHER; YOUNG MAN; MUST BE** sober and understand the business. 757 Myrtle ave., Brooklyn.

## COPENHAGEN, DENMARK.

We want a first-class agent, one familiar with the packing, provision and bacon-curing trades preferred, who will work on commission, introducing this journal in the above city with the view of building up a branch house or agency for Denmark. A weekly market letter to this paper might be included in the arrangement. Address THE NATIONAL PROVISIONER, 284-6 Pearl street, New York.

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THE NATIONAL PROVISIONER,  
284-6 Pearl Street, NEW YORK CITY.

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**IN JERSEY CITY, PORK PACKING** and curing establishment, complete in every respect for cutting and curing over 100 hogs a day. One of the best corners in the city for business. Owner retiring from business after 40 years' activity. Address K. A. B., Box 14, THE NATIONAL PROVISIONER, 284-286 Pearl street, New York.

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**BUTCHERS.**

The following Mortgages on Butchers' Fixtures, Bills of Sale, etc., have been recorded during the past week up to Saturday, Nov. 20, 1897. They are a reprint from our National Retail Butchers' Review, 284-286 Pearl Street, New York, sent out to houses on November 22, who subscribe to same.

**NEW YORK CITY.**

Brannon, Maria, 1069 Lexington Ave.; to E. Delany.....	\$500
Danzig, Isaac, 301 East 56th St.; to M. Heyman.....	425
Frank, Chas., 130 East 6th St.; to A. Gremelmaier.....	350
Lewis, Chas., 481 Courtland Ave.; to J. McLean.....	173
Saunman & Van Seggern; to Libbey, McNeil & L.....	500
Schuck, Chas., 1088 2d Ave.; to Christian Schuck.....	500
Stahlhut, Hy., 2018 Boston Road; to N. Silver.....	1,500
Schneider, Max, 1 Morris St.; to J. McLean.....	260
Wolff, Jacob, 1634 1st Ave.; to W. Grunthal.....	500

**Bills of Sale.**

Jaisie, Christian, 3391 3d Ave.; to Marstatt & Groebel.....	500
Louis, Abraham, 93 Amsterdam Ave.; to P. Heilbrunn.....	800
Same; to same; accounts.....	500
Schuck, Rosa, 579 2d Ave.; to Christian Schuck.....	500

**KINGS COUNTY.**

Gottlieb, M., 24 Moore; to Kornblitt & Tieber.....	30
Rathjen, H. B., 276½ Nostrand Ave.; to L. G. Konekamp.....	50
Von Thun, H., 292 Grand Ave.; to A. B. Von Thun.....	600

**Bills of Sale.**

Cohn, 149 Humboldt; to Fannie Greenie Hyman, Rose, 410 Bushwick Ave.; to Rose Glaubman.....	50
---------------------------------------------------------------------------------------------	----

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The following Mortgages on Grocers' Fixtures, Bills of Sale, etc., have been recorded during the past week up to Saturday, Nov. 20, 1897. They are a reprint from our National Retail Butchers' Review, 284-286 Pearl Street, New York, sent out to houses on November 22, who subscribe to same.

**NEW YORK CITY.**

Alnor, P. H., 420 West 77th; to Ella Alnor.....	2,500
Meyer, P. R., 1000 2d Ave.; to J. Dahut's Sons.....	50
Massa, Salvatore, 40 Oliver St.; to S. Persico.....	100
Simon, Rosie, 1624 Madison Ave.; to S. Levin.....	75
Alexander, Ida, 34 East 124th St.; to E. R. Biehler.....	93
Froelich, Anton, 284 East Houston; to M. Levin.....	40
Falsone, Giuseppe, 253 Elizabeth St.; to S. D'Arnato.....	30
Geoghegan, Peter, 333 Spring St.; to B. Fischer.....	rent
Klaus, Julius, 110 West 29th; to F. Riedel.....	1,000
Light, Max, 1949 3d Ave.; to M. Veselok.....	600
Lascaropoulos & Cavatroz, 11 Madison; to E. R. Biehler.....	95
Newman, Nathan, 417½ Grand; to L. Maas.....	200
Schultz & Ohmann, 45 2d Ave.; to F. Schmidt.....	400
Steinman, Henrietta, 194 Broadway; to H. & M. Duparquet Co.....	1,621

**Bills of Sale.**

Ahlr, Fredk., 217 East 26th; to Aman-dus Ahlf.....	1,000
Deppe, Henry, 442 Wales Ave.; to M. Nunstedt.....	250
Flangan, P. J., 1 Delancey; to J. Calder Mann, A. M., 171 Norfolk; to J. Wald.....	100
Meyer, Margaret, 383 Cherry; to H. Be-huken.....	417
Vogel, H. & A., 940 Home; to S. Judela-witz.....	500
Wittach, John, 781 Washington; to A. C. Grimmer.....	950
Witthohn, Amandus, 347 Willis Ave.; to C. Hellwege.....	2,200

**KINGS COUNTY.**

Bertenhausen, W., to Unandilla Valley Milk & Cream Co.....	300
Hamel, Henry, 544 Wythe Ave.; to Her-man Hamel.....	2,500
Kronshage, Katie, 797 Bedford Ave.; to G. F. Jung.....	900
Kemper, B. & W., Ralph and Jefferson Aves.; to H. Von Glahn.....	1,000

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**An Up-to-date Shop**

will get the up-to-date  
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see attractive refrigera-  
tors, modern machinery  
and handy tools.

**All Butcher Fixtures**

of the latest and best  
make, as well as refrigera-  
tors and tools, are manu-  
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NEW YORK CITY.

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ON...

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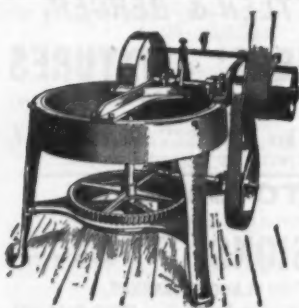
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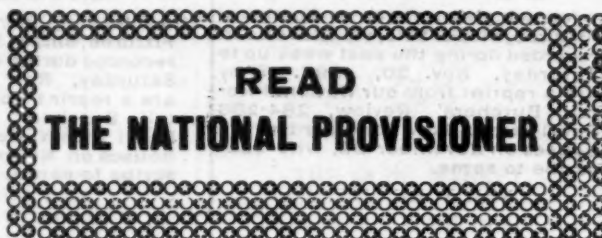
154 LAKE STREET, CHICAGO.



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TRENTON, N. J.  
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S. Oppenheimer & Co.,  
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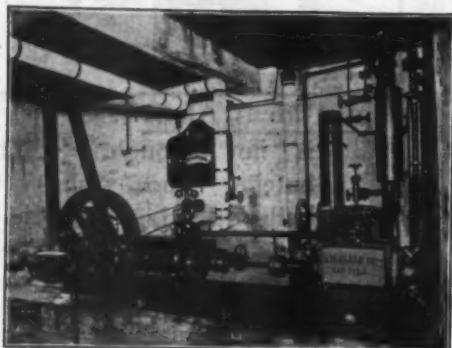


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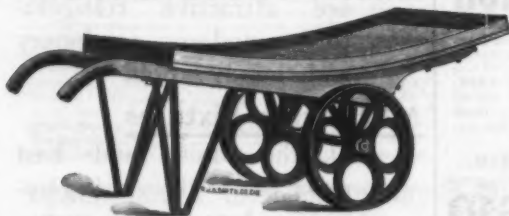
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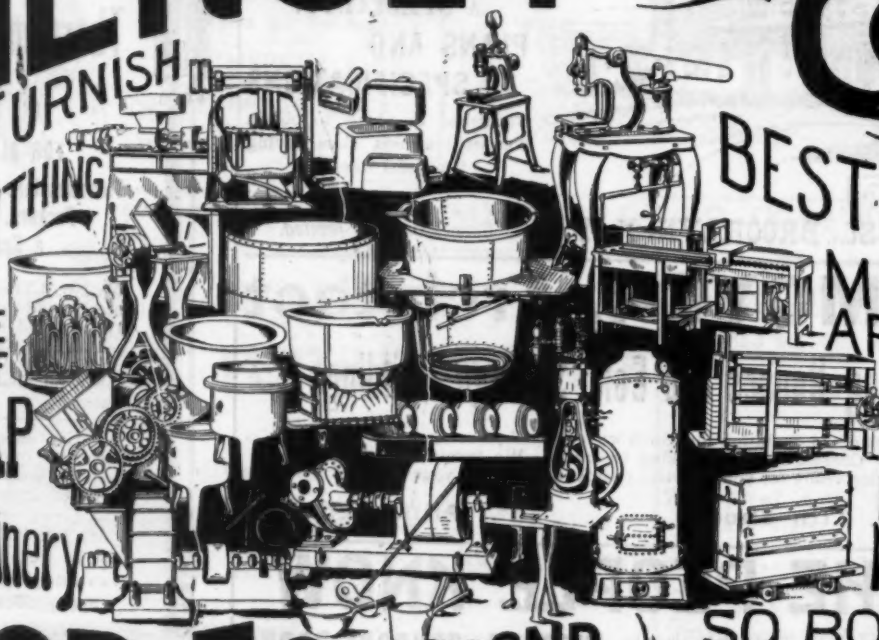
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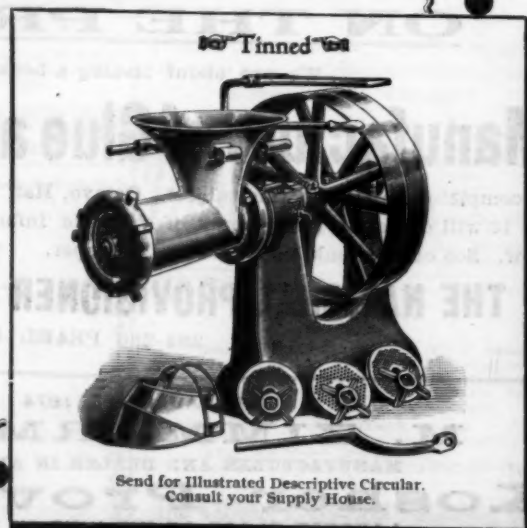
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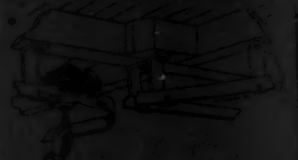


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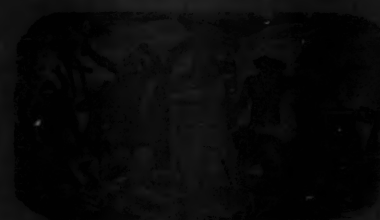
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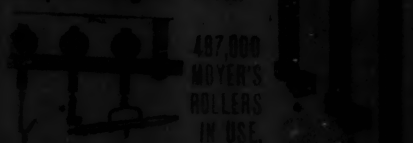
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